

City of Redmond



Agenda

Special Meeting

Monday, November 4, 2024

7:00 PM

**City Hall: 15670 NE 85th St; Remote: Comcast Ch. 21/321, Ziplly Ch. 34,
Facebook (@CityofRedmond), Redmond.gov/rctvlive, or 510-335-7371**

City Council

Mayor

Angela Birney

Councilmembers

Vanessa Kritzer, President

Jessica Forsythe, Vice President

Jeralée Anderson

Steve Fields

Angie Nuevacamina

Osman Salahuddin

Melissa Stuart

REDMOND CITY COUNCIL AGENDA SECTION TITLE REFERENCE GUIDE

Items From The Audience provides an opportunity for community members to address the Council regarding any issue. Speakers must sign their intention to speak on a sheet located at the entrance of the Council Chamber, and limit comments to **three minutes**.

The **Consent Agenda** consists of routine items for which a staff recommendation has been prepared, and which do not require further Council discussion. A council member may ask questions about an item before the vote is taken, or request that an item be removed from the Consent Agenda and placed on the regular agenda for more detailed discussion. A single vote is taken to approve all items remaining on the Consent Agenda.

Public Hearings are held to receive public comment on important issues and/or issues requiring a public hearing by state statute. Community members wishing to comment will follow the same procedure as for 'Items from the Audience', and may speak after being recognized by the Mayor. After all persons have spoken, the hearing is closed to public comment. The Council then proceeds with its deliberation and decision making.

Staff Reports are presented to the Council by city staff on issues of interest to the Council which do not require Council action.

The **Ombudsperson Report** is made by the Councilmember who is serving as ombudsperson. The ombudsperson designation rotates among Council members on a monthly basis. She/he is charged with assisting community members in resolving issues with city services. The current ombudsperson is listed on the City Council webpage at www.redmond.gov/189/city-council.

The **Council Committees** are created to advise the Council as a whole. They consider, review, and make recommendations to the Council on policy matters in their work programs, as well as issues referred to them by the Council.

Unfinished Business consists of business or subjects returning to the Council for additional discussion or resolution.

New Business consists of subjects which have not previously been considered by Council and which may require discussion and action.

Ordinances are legislative acts or local laws. They are the most permanent and binding form of Council action and may be changed or repealed only by a subsequent ordinance. Ordinances normally become effective five days after they are published in the City's official newspaper.

Resolutions are adopted to express Council policy or to direct certain types of administrative action. A resolution may be changed by adoption of a subsequent resolution.

Quasi-Judicial proceedings are either closed record hearings (each side receiving ten minutes maximum to speak) or public hearings (each speaker allotted three minutes each to speak). Proceedings are those in which the City Council determines the rights or privileges of specific parties (Council Rules of Procedure, Section IV., J).

Executive Sessions - all regular and special meetings of the City Council are open to the public except for executive sessions at which subjects such as national security, property acquisition, contract bid negotiations, personnel issues and litigation are discussed.

Redmond City Council Agendas, Meeting Videos, and Minutes are available on the City's Web Site:

<https://redmond.legistar.com/>

FOR ASSISTANCE AT COUNCIL MEETINGS FOR THE HEARING OR VISUALLY IMPAIRED:

Please contact the City Clerk's office at (425) 556-2194 one week in advance of the meeting.

Meetings can be attended in person, viewed live on RCTV (redmond.gov/rctlive), Comcast Channel 21/321, Ziply Channel 34, Facebook/YouTube (@CityofRedmond), or listen live at 510-335-7371

AGENDA

ROLL CALL

I. SPECIAL ORDERS OF THE DAY

- A. PROCLAMATION: Native American Heritage Month

[Proclamation](#)

II. ITEMS FROM THE AUDIENCE

Members of the public may address the City Council for a maximum of three minutes per person. Please use the speaker sign-up sheet located at the entry of the City Hall Council Chambers available from 6:30 - 7 p.m. on the day of the meeting.

In the event of difficulty attending a meeting in person, please contact the City Clerk (cityclerk@redmond.gov) by 2 p.m. on the day of the meeting to provide written public comment (400-word limit - please label your comment as "Items from the Audience") or for the remote comment registration form.

III. CONSENT AGENDA

A. Consent Agenda

1. Approval of the Minutes: October 15, 2024, Regular Meeting, and October 15, 22, and 29, 2024, Special Meetings (recordings are available at Redmond.gov/rctv)

[Regular Meeting Minutes for October 15, 2024](#)

[Special Meeting Minutes for October 15, 2024](#)

[Special Meeting Minutes for October 22, 2024](#)

[Special Meeting Minutes for October 29, 2024](#)

2. Approval of Payroll/Direct Deposit and Claims Checks

[Payroll Check Approval Register, October 25, 2024](#)

[Check Approval Register, November 4, 2024](#)

3. [AM No. 24-163](#) Approval of the 2025-2027 Collective Bargaining Agreement between City of Redmond and Teamsters Local No. 117 representing Law Enforcement Officers

a. Ordinance No. 3178: An Ordinance of the City of Redmond, Washington, Amending the 2025 “P” Pay Plan for Employees Covered by the Teamsters Local Union No. 117 Representing Law Enforcement Officers

Department: Human Resources

[Attachment A: Redline of 2025-2027 Teamsters LEO](#)

[CBA](#)

[Attachment B: Teamsters Police Officers](#)

[Contract-Change Summary](#)

[Attachment C: Ordinance](#)

[Exhibit 1: 2025 Police Officer and Sergeant Pay Plan P](#)

- 4. [AM No. 24-164](#) Approval of a Consultant Agreement with Wagner Architects & Planners, in the Amount of \$224,988, for the Americans with Disabilities Act (ADA) Improvements Facilities Project 1

Department: Public Works

[Attachment A: Project Information Sheet](#)

[Attachment B: Consultant Agreement](#)

[Attachment C: ADA Title II Transition Plan - Parks Facilities](#)

Legislative History

| | | |
|----------|---|--|
| 10/22/24 | Committee of the Whole - Parks and Environmental Sustainability | referred to the City Council Special Meeting |
|----------|---|--|

- 5. [AM No. 24-165](#) Approval of a Change Order to the Contract with Aurigo Software Services, LLC, in the Amount of \$136,960, for the CIP Project and Portfolio Management Software Project

Department: Technology and Information Services

[Attachment A: CR-01 D365 Integration e-Bidding Portal-Optional](#)

B. Items Removed from the Consent Agenda

IV. HEARINGS AND REPORTS

A. Public Hearings

Members of the public may address the City Council for a maximum of three minutes per person. Please use the speaker sign-up sheet located at the entry of the City Hall Council Chambers available from 6:30 - 7 p.m. on the day of the meeting.

In the event of difficulty attending a meeting in person, please contact the City Clerk (cityclerk@redmond.gov) by 2 p.m. on the day of the meeting to provide written public comment (400-word limit - please label your comment as "Public Hearing") or for the remote comment registration form.

1. [AM No. 24-166](#) Public Hearing on the Preliminary 2025-2026 Biennial Budget
Department: Finance

B. Reports

1. Staff Reports

- a. [AM No. 24-167](#) Third Quarter 2024 Financial Report

[Attachment A: Third Quarter 2024 Financial Report](#)

[Attachment B: Presentation](#)

2. Ombudsperson Report

October: Councilmember Nuevacamina

November: Councilmember Fields

3. Committee Reports

V. UNFINISHED BUSINESS

VI. NEW BUSINESS

- A. [AM No. 24-168](#) Award Bid to SCI Infrastructure of Seatac, WA, in the amount of \$1,231,808 for the Sidewalk Repair - 40th (156th to Bel-Red) Project .

Department: Public Works

[Attachment A: Project Information Sheet](#)

Legislative History

10/8/24 Committee of the Whole - referred to the City Council
Finance, Administration,
and Communications

- B. [AM No. 24-169](#) Ordinance for PSE Power and Gas Franchise Agreement

Department: Public Works

[Attachment A: Proposed Ordinance](#)

VII. EXECUTIVE SESSION

- A. Potential Litigation [RCW 42.30.110(1)(i)] - 20 minutes
- B. Labor Negotiations [RCW 42.30.140(4)(b)] - 20 minutes

VIII. ADJOURNMENT

Meeting videos are usually posted by 12 p.m. the day following the meeting at redmond.legistar.com, and can be viewed anytime on Facebook/YouTube (@CityofRedmond) and OnDemand at redmond.gov/OnDemand



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 11/4/2024
Meeting of: City Council
Day

File No. SPC 24-081
Type: Special Orders of the

PROCLAMATION: Native American Heritage Month

**NATIONAL NATIVE AMERICAN HERITAGE MONTH
PROCLAMATION**

WHEREAS, National Native American Heritage Month is observed nationwide during the month of November to acknowledge and honor the existence of the numerous and distinct Tribal Nations, cultures, traditions, contributions, and achievements of America’s original inhabitants/peoples and their descendants to their country and the world; and

WHEREAS, this consequential recognition began on May 6, 1916, when New York declared it “American Indian Day.” Acknowledgment was then expanded in 1976 as part of America’s bicentennial commemoration when President Gerald Ford proclaimed Oct. 10 -16, 1976, as “Native American Awareness Week.” Fourteen years later, this month-long celebration was signed into law as a joint resolution by the Senate, Congress, and United States President George H.W. Bush in 1990; and

WHEREAS, the significant contributions of Native Americans are reflected in the 44,000 men and women who served active duty during World War II. They enlisted in overwhelming numbers after the attack on Pearl Harbor in 1941, with many from numerous tribes, including the Navajo, Cherokee, Comanche, and Choctaw, serving as code talkers using their tribal languages to send secret communications on the battlefields in both the Pacific and Europe during the war. Their invaluable contributions enabled America to win World War II.

WHEREAS, the invaluable heritage of Native communities has bestowed upon us a wealth of knowledge and tradition. Their contributions to science, art, and public service have fostered prosperity for all of us. Native Americans are the stewards of our great lands, integral to the very essence of the United States.

NOW, THEREFORE, I, **ANGELA BIRNEY**, Mayor of the City of Redmond, Washington, do hereby proclaim Nov. 1 through 30, 2024, as

NATIONAL NATIVE AMERICAN HERITAGE MONTH



Angela Birney, Mayor
November 2024



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 11/4/2024
Meeting of: City Council

File No. SPC 24-083
Type: Minutes

Approval of the Minutes: October 15, 2024, Regular Meeting, and October 15, 22, and 29, 2024, Special Meetings (recordings are available at Redmond.gov/rctv)

CALL TO ORDER

A Regular Meeting of the Redmond City Council was called to order by Mayor Angela Birney at 7 p.m. The meeting was held in the Redmond City Hall Council Chambers.

ROLL CALL AND ESTABLISHMENT OF A QUORUM

Present: Councilmembers Anderson, Fields, Forsythe, Kritzer, Nuevacamina, Salahuddin and Stuart

Absent: None

MOTION: Councilmember Kritzer moved to amend the agenda to have New Business item B immediately following Items from the Audience. The motion was seconded by Councilmember Forsythe.

VOTE: The motion to amend the agenda passed without objection. (7 - 0)

SPECIAL ORDERS OF THE DAY:

A. PROCLAMATION: Snoqualmie Indian Tribe Ancestral Lands

Mayor Birney read the proclamation and the Chairman spoke regarding impacts of recreational activities on the land.

ITEMS FROM THE AUDIENCE

Mayor Birney opened Items from the Audience at this time. The following persons spoke:

- Alex Tsimerman - costs associated with homelessness;
- David Morton - steps towards a sustainable and equitable future;
- Bob Yoder - reporting back on other supportive housing in the area; and
- Brian McCarly - process not followed regarding a call to 911 during a medical emergency.

NEW BUSINESS

B. AM No. 24-162: This New Business Item is for the Purpose of Considering Passage of a Resolution Opposing Initiative 2066, the Ballot Title of Which is as Follows:

Initiative Measure No. 2066 concerns regulating energy services, including natural gas and electrification. This measure would repeal or prohibit certain laws and regulations that discourage natural gas use, and/or promote electrification, and require certain utilities and local governments to provide natural gas to eligible customers.

Should this measure be enacted into law? Yes [] No []

1. Resolution No. 1595: A Resolution of the City Council of the City of Redmond, Washington, Opposing Initiative Measure No. 2066, Concerning Regulating Energy Services, Including Natural Gas and Electrification

Mayor Birney opened Public Comment at this time.

The following persons spoke in support of the Council Resolution: Michael Leach; William King; David Morton; Devon Kellogg; Rheya Wren; Yuanmeng Zhao; Marilyn Sabala; Bob Yoder; Adam Reineke; Milo Valentine; Jason Myers; (written comment only) - Aspen Richter; Andrew Villeneuve; Iris Antman; Valentina Vaneeva; Chelsea Liekhus-Schmaltz; and the Lake Washington PTSA.

The following person spoke in opposition of the Council Resolution: Hank Myers; and (written comment only) - Master Builders Association of King and Snohomish Counties.

MOTION: Councilmember Kritzer moved to approve AM No. 24-162/Resolution No. 1595. The motion was seconded by Councilmember Forsythe.

Following Councilmember discussion,

VOTE: The motion passed without objection. (7 - 0)

CONSENT AGENDA

MOTION: Councilmember Forsythe moved to approve the Consent Agenda. The motion was seconded by Councilmember Stuart.

VOTE: The motion to approve the Consent Agenda passed without objection. (7 - 0)

1. Approval of the Minutes: October 1, 2024, Regular Meeting, and September 30, 2024, and October 8, 2024, Special Meetings

2. Approval of Payroll/Direct Deposit and Claims Checks
 - #172908 through #172915
 - #1760 through #1760

 - \$14,185.24

 - #188467 through #188482
 - #173916 through #174697
 - #1761 through #1765

 - \$4,358,204.60

 - #7605 through #7863

 - \$3,213,595.91

3. AM No. 24-147: Approve King County Community Development Block Grant (CDBG) 2025 Funding Allocation Plan

4. AM No. 24-148: Approval of a \$227,140 Washington Conservation Corps (WCC) 2024-25 Agreement between the City of Redmond and the Washington State Department of Ecology

5. AM No. 24-149: Approval of Vendor Agreements, with Qfree in the Amount of \$170,600 and AM Signal Hardware in the Amount of \$397,434, for Adaptive Traffic Signal Control - Downtown Project

6. AM No. 24-150: Award Construction Contract to Lakeside Industries Inc. and Approve Consultant Services Agreement Supplement 1 with David Evans and Associates, Inc. for the West Lake Sammamish Parkway Pavement Preservation (Marymoor to Leary) Project

7. AM No. 24-151: Approval of the 2025 Tourism Grant Funding - Lodging Tax Advisory Committee (LTAC) Recommendations

8. AM No. 24-152: Acceptance of Washington State Tourism Technical Assistance Grant in the Amount of \$10,500

9. AM No. 24-153: Approval of a Consultant Agreement with Bullseye Creative, in the Amount of \$525,000, for Support of the Experience Redmond Tourism Brand
10. AM No. 24-154: Approval of Two Consultant Services Agreements, with Stepherson and Associates Communications and Cascadia Consulting Group Inc., in the Amount of \$75,000 Each, for On-Call Communications and Public Outreach
11. AM No. 24-155: Appointment of New Lodging Tax Advisory Committee Member

ITEMS REMOVED FROM THE CONSENT AGENDA: NONE

HEARINGS AND REPORTS

Public Hearing:

1. AM No. 24-156: Public Hearing on 2025-2026 Biennial Budget

Mayor Birney opened the public hearing. The following persons spoke:

- Axton Burton - Pride Across the Bridge events and support, need affordable and accessible spaces and resources;
- Michael Leach - Move Redmond regarding additional funding for protected bike lanes;
- David Morton - prioritize public safety (police, fire and emergency services), de-escalation and community engagement, and infrastructure improvements (roads and sidewalks);
- Yuanmeng Zhao - hiring of mental health professionals, gun buyback, and emergency planning.
- Bob Yoder - one time funding transparency and moving funding to the operating budget;
- Zella Gaylor - Pride Across the Bridge community and belonging and providing funding;
- Milo Valentine - funding for Pride Across the Bridge and other organizations;
- Jason Myers - funding for Pride Across the Bridge and other organizations;
- Eugenio Vidalas - support for Pride Across the Bridge, protected bike lanes, and active transportation;

- James Webster - funding for Pride Across the Bridge; and
- Written only comments:
 - Chelsea Liekhus-Schmaltz - prioritizing public transit, libraries, low-income housing, improvement to multimodal infrastructure, and improving our environment and climate initiatives; and
 - Kevin Weston - significant and ongoing investment in a network of fully protected bike routes around Redmond with hard physical barriers like planters and curbs.

Mayor Birney closed the public hearing.

2. AM No. 24-157: Hold a Public Hearing and Adopt a Resolution for the Annual Update of 2025-2030 Six-Year Transportation Improvement Program (TIP)
 - a. Resolution No. 1594: A Resolution of the City Council of the City of Redmond, Washington, Adopting a Six-Year Transportation Improvement Program for the Years 2025-2030 and Directing the Same to be Filed with the State Secretary of Transportation and the Transportation Improvement Board

Seraphie Allen, Deputy Director of Planning and Community Development, introduced this item, and staff reported to the Council.

Mayor Birney opened the public hearing. The following persons spoke:

- William King - requesting protected bike lanes;
- Michael Leach - Move Redmond, options for people who bike, walk or roll and funding for protected bike lanes;
- Yuanmeng Zhao - pedestrian issues when vehicles don't yield, requested no right on red and left turn arrows, and protected bike lanes;
- Eugenio Vidalas - requesting bike lane buffers;
- Bob Yoder - bikes and scooter users needing reflective helmets and fluorescent jackets;
- Milo Valentine - reducing reliance on cars and using bikes to get around the city, and making bicycling safer;

- Jason Myers - would like to bike more in the Bell-Red area, requesting more protected cycling pathways; and
- Written only comment:
 - Kevin Weston - safe biking, walking, and bussing infrastructure where people are truly separated from cars; support for C76-NE 124th Street and 162nd Place NE Intersection; support for B109-Buffered Bicycle Lanes on Bel-Red Road; and
 - Valentina Vaneeva - buffered bike lanes with planters or bollards.

Mayor Birney closed the public hearing.

MOTION: Councilmember Kritzer moved to approve AM No. 24-157/Resolution No. 1594. The motion was seconded by Councilmember Stuart.

Following Councilmember discussion,

VOTE: The motion to approve passed without objection. (7 - 0)

3. AM No. 24-158: Redmond 2050: Multifamily Housing Property Tax Exemption Public Hearing

Seraphie Allen, Deputy Director of Planning and Community Development, introduced this item, and staff reported to the Council.

Mayor Birney opened the public hearing. The following person spoke:

- Yuanmeng Zhao - in support of affordable housing with consideration towards the schools; and
- Written only comment:
 - Chelsea Liekhus-Schmaltz - supports increasing density and people buying property in the downtown area in the form of condos and townhomes.

Mayor Birney closed the public hearing.

Staff Reports:

1. AM No. 24-159: 2023-2024 Environmental Sustainability Action Plan Annual Progress Report

Jenny Lybeck, Sustainability Program Manager, introduced this item and provided a report to the Council.

2. AM No. 24-160: Sound Transit Light Rail Briefing - Project Status and Progress

Vangie Garcia, Public Works Deputy Director, introduced this item and reported to the Council.

Ombudsperson Reports:

Councilmember Nuevacamina reported receiving resident contacts regarding: taxpayer money going to Plymouth Housing and the ARCH program; recognizing civilian deaths; and Redmond High School student drivers.

Councilmember Stuart reported receiving resident contacts regarding: emergency preparedness; DEI; accessibility of playground equipment; Kindering; and transportation open house.

Councilmember Forsythe reported receiving resident contacts regarding: sign code; participating in the budget process; and homeless person being harassed and providing resources.

Councilmember Kritzer reported receiving resident contacts regarding: sustainability; Initiative 2066; OneRedmond Foundation; and Plymouth Housing change in value.

Committee Reports:

Councilmember Stuart provided committee reports:

- Sound Cities Association Public Issues Committee; and
- Puget Sound Regional Council.

Councilmember Forsythe committee reports:

- Disability Board; and
- King County Solid Waste Division open house.

Councilmember Salahuddin provided a committee report:

- Committee of the Whole - Public Safety and Human Services; and
- Eastside Transportation Partnership.

Councilmember Kritzer provided committee reports:

- Eastside Transportation Partnership; and
- King Conservation District Advisory Committee.

UNFINISHED BUSINESS: NONE

NEW BUSINESS:

- A. AM No. 24-161: Adoption of Ordinances Amending the Redmond Municipal and Zoning Code for Conformance with State Legislation: Senate Bill 5290 and House Bill 1293
1. Ordinance No. 3174: An Ordinance of the City of Redmond, Washington, Amending the Redmond Zoning Code, to Provide Conformance with State Legislative Updates Regarding Permit Process and Design Review Streamlining, Providing for Severability and Establishing an Effective Date
 2. Ordinance No. 3175: An Ordinance of the City of Redmond, Washington, Amending the Redmond Municipal Code, to Provide Conformance with State Legislative Updates Regarding Permit Process and Design Review Streamlining, and to Repeal Chapter 4.23 Design Review Board, Providing for Severability and Establishing an Effective Date
 3. Ordinance No. 3176: An Ordinance of the City of Redmond, Washington, Amending the Redmond Municipal Code Chapter 4.33 Landmark Commission, to Provide Conformance with State Legislative Updates Regarding Permit Process and Design Review Streamlining, Providing for Severability and Establishing an Effective Date
 4. Ordinance No. 3177: An Ordinance of the City of Redmond, Washington, Amending the Redmond Municipal Code Section 15.22.060 Evaluation Criteria for Class I and Class II Permits, to Provide Conformance with State Legislative Updates Regarding Permit Process and Design Review Streamlining, Providing for Severability and Establishing an Effective Date

Jason Lynch, Deputy Director of Planning and Community Development, introduced this item.

MOTION: Councilmember Stuart moved to approve AM No. 24-161/Ordinance Nos. 3175, 3175, 3176, 3177. The motion was seconded by Councilmember Kritzer.

MOTION: Councilmember Forsythe moved to divide the question. The motion was seconded by Councilmember Fields.

VOTE: The motion to divide the question passed, (5-2), with Councilmembers Anderson, Fields, Forsythe, Kritzer, and Salahuddin in support and Councilmembers Nuevacamina and Stuart in objection.

VOTE: Ordinance No. 3174 passed, (6-1), with Councilmembers Anderson, Fields, Kritzer, Nuevacamina, Salahuddin and Stuart in support, and Councilmember Forsythe in opposition.

VOTE: Ordinance No. 3175 passed, (6-1), with Councilmembers Anderson, Fields, Kritzer, Nuevacamina, Salahuddin and Stuart in support, and Councilmember Forsythe in opposition.

VOTE: Ordinance No. 3176 passed without objection.
(7 - 0)

VOTE: Ordinance No. 3177 passed without objection.
(7 - 0)

EXECUTIVE SESSION:

A. Labor Negotiations [RCW 42.30.140(4)(b)] - 30 minutes

Mayor Birney announced the Council will now leave the meeting and go into Executive Session to discuss Labor Negotiations [RCW 42.30.140(4)(b)] for 30 minutes. Per state law, public attendance is not allowed. Action will not take place following the Executive Session.

Executive Session convened at 9:45 p.m., and ended at 10:15 p.m.

ADJOURNMENT

There being no further business to come before the Council the regular meeting adjourned at 10:15 p.m.

ANGELA BIRNEY, MAYOR

CITY CLERK

Minutes Approved: November 4, 2024

DRAFT

CALL TO ORDER

A Special Meeting of the Redmond City Council was called to order by Mayor Angela Birney at 6:30 p.m. The meeting was held in the Redmond City Hall Council Chambers.

ROLL CALL AND ESTABLISHMENT OF A QUORUM

Present: Councilmembers Anderson, Fields, Forsythe, Kritzer, Nuevacamina, Salahuddin, and Stuart

Absent: None

AUDIT EXIT CONFERENCE

Members of the Council met for the audit exit conference with Haji Adams and Angela Funamori from the State Auditor's Office. The audit was for fiscal year 2022.

Kelley Cochran, Finance Director, commented regarding the difficulties the city has experienced and the process to improve these issues going forward.

The auditors discussed the scope of the audit. In the areas that were reviewed, internal control deficiencies were identified, no material deficiencies or noncompliance and the city has taken corrective action. No significant deficiencies were identified in the Federal Grant Compliance Audit.

The audit costs were provided; the next audit will occur in winter 2024; information regarding online resources were overviewed; and the report will be published on the State Auditor's website.

Discussion ensued regarding: accountability for public resources and addressing issues.

ADJOURNMENT

There being no further business to come before the Council the special meeting adjourned at 6:49 p.m.

ANGELA BIRNEY, MAYOR

CITY CLERK

Minutes Approved: November 4, 2024

CALL TO ORDER

A Special Meeting of the Redmond City Council was called to order by Council President Vanessa Kritzer at 6 p.m. The meeting was held in the Redmond City Hall Council Chambers.

ROLL CALL AND ESTABLISHMENT OF A QUORUM

Present: Councilmembers Fields, Forsythe, Kritzer, Nuevacamina, Salahuddin, and Stuart

Absent: Councilmember Anderson

HUMAN SERVICES 2025-2026 FUNDING RECOMMENDATIONS

Carol Helland, Director of Planning and Community Development, introduced this item.

The Human Services Commission was in attendance and reported to the Members of the Council regarding:

- Application timeline;
- Outreach;
- Equity training;
- Requirements;
- Redmond received 126 funding requests;
- There was an increase in new applicants and the amount requested;
- Changing community needs;
- Organizations have experienced a loss of funding from other sources;
- More grassroots organizations applying for funding;
- Non-eligibility;
- Criteria for reviewing applications;
- Full funding of requests that address multiple priority areas;
- Advancing equity;
- Prioritizing the most underserved in the community;
- Consistent framework for evaluating equity;
- Available funding;
- Opioid settlement funds;
- Funding investments;
- Cost of living increase;
- Partnering with 17 new programs; and
- Funding recommendations by category.

Discussion ensued regarding: encouraging new programs; educational and employment platform; opioid funding locally; identifying need; prevention and empowerment; growth of funding need; elder care funding; housing assistance; changing the rate calculation; and request to adopt the recommendations at the same time as the budget.

Recess 6:56 p.m., reconvene 7:02 p.m.

**PRELIMINARY 2025-2026 BIENNIAL BUDGET: COUNCIL BUDGET
DELIBERATIONS**

Councilmember Fields, Presiding Officer of the Finance, Administration, and Communications Committee of the Whole, chaired the budget portion of the meeting and overviewed the process for the discussion.

Kelley Cochran, Finance Director, reported to the Council regarding:

- Preliminary budget review process;
- Public hearings;
- Budget overview;
- Citywide financial highlights;
- Scaled back programs during pandemic and are now coming back;
- Implemented new funding strategies;
- General Fund financial highlights ongoing and one-time funds;
- Revenue forecast;
- Capital Investment Program;
- Business Technology Investment Program; and
- Review of the Council question matrix.

City staff responded to Councilmember inquiries and general discussion ensued regarding the preliminary budget; bike infrastructure; SE Redmond neighborhood park construction timeline; and East Redmond Corridor implementation design.

Healthy and Sustainable enhancements:

- Utility system planning - Aaron Bert, Public Works Director, spoke to this enhancement and responded to Councilmember inquiries;
- Parks and Recreation Programs Cost Recovery - Loreen Hamilton, Parks and Recreation Director, spoke to this enhancement and responded to Councilmember inquiries; and

- Environmental Sustainability Action Plan - Kelley Cochran, Finance Director, spoke to this enhancement and Malisa Files, Chief Operating Officer, and Loreen Hamilton, Parks and Recreation Director, responded to Councilmember inquiries.

Safe and Resilient enhancements:

- Vision Zero - Aaron Bert, Public Works Director, spoke to this enhancement and responded to Councilmember inquiries;
- Comprehensive Community Response Program - Darell Lowe, Police Chief, spoke to this enhancement and responded to Councilmember inquiries; and
- Fire & Medical Apparatus - Adrian Sheppard, Fire Chief, spoke to this enhancement and responded to Councilmember inquiries.

Kelley Cochran, Finance Director, spoke regarding follow up items and next week's budget meeting.

Discussion ensued regarding additional actions items; the budget process; and the subcommittee process.

COUNCIL TALK TIME

- Council retreat;
- Adding an item to the Planning and Public Works Committee of the Whole;
- Reminder to return your ballot;
- Drop boxes are located outside of City Hall, at the Community Center at Marymoor Village and Redmond Ridge; and
- Budget Council meeting will be held next Tuesday at 6 p.m.

ADJOURNMENT

There being no further business to come before the Council the special meeting adjourned at 9:16 p.m.

ANGELA BIRNEY, MAYOR

CITY CLERK

Minutes Approved: November 4, 2024

CALL TO ORDER

A Special Meeting of the Redmond City Council was called to order by Council President Vanessa Kritzer at 6 p.m. The meeting was held in the Redmond City Hall Council Chambers.

ROLL CALL AND ESTABLISHMENT OF A QUORUM

Present: Councilmembers Fields, Forsythe, Kritzer, Nuevacamina, Salahuddin, and Stuart

Absent: Councilmember Anderson

PRELIMINARY 2025-2026 BIENNIAL BUDGET: COUNCIL BUDGET DELIBERATIONS

Councilmember Fields, Presiding Officer of the Finance, Administration, and Communications Committee of the Whole, chaired the budget portion of the meeting.

Kelley Cochran, Finance Director, stated that budget documents are posted on the city's website, and reported to the Council regarding:

- Topics for discussion at the next meeting;
- Review of Council matrix items; and
- Overview.

Strategic and Responsive enhancements:

- Diversity, Equity and Inclusion - Malisa Files, Chief Operating Officer, spoke to this enhancement and responded to Councilmember inquiries;
- In-House Legal Services - - Malisa Files, Chief Operating Officer, spoke to this enhancement and responded to Councilmember inquiries;
- Citywide Cost Recovery - Kelley Cochran, Finance Director, spoke to this enhancement and responded to Councilmember inquiries;
- Technology Reporting, Data and Innovations - Michael Marchand, Chief Technology Officer, spoke to this enhancement and responded to Councilmember inquiries; and
- Technology Security and Operational Improvements - Michael Marchand, Chief Technology Officer, spoke to this enhancement and responded to Councilmember inquiries.

Vibrant and Connected enhancements:

- Facilities Strategic Plan Development - Loreen Hamilton, Parks and Recreation Director, spoke to this enhancement and responded to Councilmember inquiries;
- 2026 World Cup - Carol Helland, Director of Planning and Community Development, spoke to this enhancement and responded to Councilmember inquiries;
- Economic Development - Carol Helland, Director of Planning and Community Development, spoke to this enhancement and responded to Councilmember inquiries;
- Tourism Implementation Plan - Carol Helland, Director of Planning and Community Development, spoke to this enhancement and responded to Councilmember inquiries;
- Infrastructure Management - Aaron Bert, Public Works Director, spoke to this enhancement and responded to Councilmember inquiries; and
- Parking Policy and enforcement Improvements - Carol Helland, Director of Planning and Community Development, spoke to this enhancement and responded to Councilmember inquiries.

Recess 8:43 p.m., reconvene 8:50 p.m.

Kelley Cochran, Finance Director, spoke regarding items to be added for upcoming deliberations, follow up items and next upcoming budget conversations.

COUNCIL TALK TIME

- Reminder to return your ballot.
- SCA Regional Committee application deadline has been extended;
- Next Council meeting will be held on Monday, November 4, 2024;
- Survey for retreat dates;
- Salary Commission results; and
- Federal advocacy committees.

ADJOURNMENT

There being no further business to come before the Council the special meeting adjourned at 9:35 p.m.

ANGELA BIRNEY, MAYOR

CITY CLERK

Minutes Approved: November 4, 2024



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 11/4/2024
Meeting of: City Council

File No. SPC 24-084
Type: Check Register

Approval of Payroll/Direct Deposit and Claims Checks

City of Redmond
Payroll Check Approval Register
Pay period: 10/1 - 10/15/2024
Check Date: 10/25/2024

| | | |
|-------------------------------------|----|---------------------|
| Check Total: | \$ | 59,865.91 |
| Direct Deposit Total: | \$ | 2,707,194.09 |
| Wires & Electronic Funds Transfers: | \$ | 1,652,637.51 |
| Grand Total: | \$ | <u>4,419,697.51</u> |

We, the undersigned Council members, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claim is a just, due and unpaid obligation against the City of Redmond, and that we are authorized to authenticate and certify to said claim.

All Checks numbered **188488** through **188505** ,
Direct deposits numbered **174698** through **175460** , and
Electronic Fund transfers **1766** through **1770**
are approved for payment in the amount of **\$4,419,697.51**
on this **4 day of November 2024**.

Note:

Check # 188487 - Check reprint Cheston Nappen

City of Redmond
Payroll Final Check List
Pay period: 10/1 - 10/15/2024
Check Date: 10/25/2024

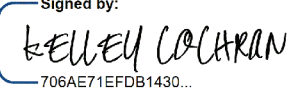
| | | |
|------------------------------------|----|---------------------|
| Total Checks and Direct deposit: | \$ | 3,979,410.52 |
| Wire Wilmington Trust RICS (MEBT): | \$ | 440,286.99 |
| Grand Total: | \$ | <u>4,419,697.51</u> |

I, the Human Resources Director, do hereby certify to the City Council, that the checks and direct deposits presented are true and correct to the best of my knowledge.

DocuSigned by:
Cathryn Laird
7C0092BCC9C549B...

Human Resources Director, City of Redmond
Redmond, Washington

I, Finance Director, do hereby certify to the City Council, that the checks for the months of October 2024 are true and correct to the best of my knowledge.

Signed by:

706AE71EFDB1430...

Kelley Cochran, Finance Director
City of Redmond
Redmond, Washington

We, the undersigned Councilmembers, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claim is a just, due and unpaid obligation against the City of Redmond, and that we are authorized to authenticate and certify to said claim. All checks numbered 7864 through 8222, and Wire Transfers are approved for payment in the amount of \$10,427,415.10. This 4th day of November 2024.



Memorandum

Date: 11/4/2024
Meeting of: City Council Special Meeting

File No. AM No. 24-163
Type: Consent Item

TO: Members of the City Council
FROM: Mayor Angela Birney
DEPARTMENT DIRECTOR CONTACT(S):

| | | |
|-----------------|---------------|--------------|
| Human Resources | Cathryn Laird | 425-556-2125 |
|-----------------|---------------|--------------|

DEPARTMENT STAFF:

| | | |
|-----------------|------------|-------------------------|
| Human Resources | Liz Morley | Human Resources Analyst |
|-----------------|------------|-------------------------|

TITLE:

Approval of the 2025-2027 Collective Bargaining Agreement between City of Redmond and Teamsters Local No. 117 representing Law Enforcement Officers

- a. Ordinance No. 3178: An Ordinance of the City of Redmond, Washington, Amending the 2025 “P” Pay Plan for Employees Covered by the Teamsters Local Union No. 117 Representing Law Enforcement Officers

OVERVIEW STATEMENT:

This memo seeks approval of the 2025-2027 Teamsters - Law Enforcement Officers Collective Bargaining Agreement (CBA) and the associated pay plan. This agreement has been negotiated between the City and Union using tentative agreements over the last year and has been approved by a vote of Union members. This item was brought to Council during Executive Session on October 15, 2024.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

- Receive Information** **Provide Direction** **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
N/A
- **Required:**
RCW 35A.11.020
- **Council Request:**
N/A
- **Other Key Facts:**
The current CBA expires on 12/31/2024.

OUTCOMES:

This CBA sets forth the working relationship between the City and the Teamsters-Law Enforcement Officers employees, specifically covering salaries, benefits, working conditions, and other information/ expectations.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
N/A
- **Outreach Methods and Results:**
N/A
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:

The cost to implement the proposed increases to the 2025-2027 collective bargaining agreement is approximately \$1,533,000, or 12%, over the three-year period.

Approved in current biennial budget: **Yes** **No** **N/A**

Budget Offer Number:

- 224 Police Patrol and Response
- 225 Criminal Investigations
- 226 Police Dispatch and Support
- 233 Community Outreach and Involvement

Budget Priority:

Safe and Resilient

Other budget impacts or additional costs: **Yes** **No** **N/A**

If yes, explain:

N/A

Funding source(s):

- 100 General Fund
- 036 Police Levy Fund

Budget/Funding Constraints:

N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

| Date | Meeting | Requested Action |
|------------|------------------|---------------------|
| 10/15/2024 | Business Meeting | Receive Information |

Proposed Upcoming Contact(s)

| Date | Meeting | Requested Action |
|------|----------------------------|------------------|
| N/A | None proposed at this time | N/A |

Time Constraints:

Employees under this contract are currently being paid at 2024 rates. Approval of contract will allow employees to be paid at the new rate effective January 1, 2025, without the need for retroactive pay.

ANTICIPATED RESULT IF NOT APPROVED:

Additional negotiations would be required, and the Union and the City would likely go to mediation/ arbitration. The longer the delay, the more complex the retroactive adjustments to employees' pay due to various pay actions that would occur and need to factor into the retro pay. (For example: overtime, paid leave, etc.) This will lead to a longer wait time for pay increases and could lead to a greater chance of payroll errors, both of which always has a negative impact on morale for all employees involved.

Mediation/arbitration can also erode a collaborative working relationship with Union leadership and impact staff working relationships with department leadership.

ATTACHMENTS:

Attachment A: Redline of 2025-2027 Teamsters-Law Enforcement Officers Collective Bargaining Agreement

Attachment B: Teamsters Police Officers Contract - Change Summary

Attachment C: Ordinance Amending the 2025 Pay and Pay Plan for Teamsters-Law Enforcement Officers Employees

Exhibit 1: 2025 Police Officer and Sergeant Pay Plan "P" (effective Jan 1, 2025)

A G R E E M E N T

By and Between

TEAMSTERS LOCAL UNION NO. 117

**Affiliated With The
International Brotherhood of Teamsters
Representing The Law Enforcement Officers**



And

CITY OF REDMOND

Term of Agreement

**January 1, ~~2022~~2025, through December 31,
2024~~2027~~**

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THIS AGREEMENT is entered into by and between the CITY OF REDMOND, WASHINGTON (hereinafter referred to as the “Employer”), and TEAMSTERS LOCAL UNION NO. 117 (hereinafter referred to as the “Union”).

ARTICLE 1

DEFINITIONS

1.1 “Employer” shall mean the City of Redmond, Washington.

1.2 “Union” shall mean the Teamsters Local Union No. 117.

1.3 “Employee” shall mean any ~~person~~individual employed in the bargaining unit covered by this Agreement. ~~Throughout this Collective Bargaining Agreement, the term “Employee” includes all individuals as used in this Agreement includes both male and female employees covered by this CBA Agreement. In addition, wherever in this Agreement the masculine gender is used, it is intended that it will apply to the feminine gender as well except as provided in Article 12 Physical Fitness Plan.~~

1.4 “Bargaining Unit” shall mean the employees in the Redmond Police Department described in Article 2, Section 2.1.

1.5 “Regular Shift Change” shall mean a shift change on a regular basis (usually one hundred eighty days) or as a posted shift change because of military leave situation, training courses and special events, with at least four (4) calendar days posted notice given for the shift change, provided that no notice shall be required for shift changes of employees during their training period. This shall not preclude other appropriate shift changes made by mutual agreement or by the Employer for cause, provided that no cause shall be necessary for the employer to change an employee's shift at any time to another shift which is scheduled for substantially the same time period in the day.

1.6 “Domestic Partner” means a person who is part of a registered domestic partnership that is currently recognized as being in effect under RCW Chapter 26.60.

1.7 “Patrol Personnel” shall only include those assigned to the Patrol division and assigned to the Bike unit.

ARTICLE 2

RECOGNITION, UNION MEMBERSHIP, AND DUES DEDUCTION

2.1 **Recognition** - The Employer shall recognize the Union as the sole collective bargaining agent for all full-time and regular part-time law enforcement officers employed by the City of Redmond below the rank of Lieutenant, excluding elected officials, officials appointed for fixed terms, and confidential employees.

2.2 **Notification** – All employees working in the bargaining unit shall have the right to become a member of the Union. The City will inform new, transferred, promoted, or demoted

employees prior to appointment into positions included in the bargaining unit of the Union's exclusive representation status.

2.3 Union Orientation – Within seven (7) calendars days of a new, transferred, promoted, or demoted employee being appointed to a position within the bargaining unit, the Union will be allowed thirty (30) minutes of presentation time for the purpose of orienting the employee to Union membership.

2.4 Union Dues and Fees - The Employer, upon voluntary written authorization of the employee, shall deduct from the first pay received each month by such employee, the union dues, initiation fees and assessments for the current month and promptly remit same to the appropriate officer of the Union. If dues are not deducted in one month for any reason, they shall be deducted the following pay period. The amount of such dues, fees and assessments are those currently in effect or as may hereinafter be established. The City will deduct the dues, fees, and assessments on the first pay day in the month. When an employee quits, is discharged or is laid off, any of the foregoing amounts due will be deducted from the last pay payable. The Employer will honor the terms and conditions of each employee's signed payroll deduction authorization card.

2.5 Dues Cancellation – Employees may cancel their payroll deduction by written notice to the Union in accordance with the terms and conditions of their signed payroll deduction authorization card. The Union will provide the Employer notice of all employees who are eligible for cancellation. The cancellation will become effective on the second pay period after receipt of confirmation from the Union that the terms of the employee's signed payroll deduction authorization card regarding cancellation have been met.

2.6 Teamsters Legal Defense Fund – The Employer agrees to deduct from the paycheck of each member covered by this Agreement who has so authorized it by signed notice submitted to the Employer, the necessary fee, assessment, and regular monthly fee to provide the Teamsters Legal Defense Fund. The Employer shall transmit such fees made payable to "Teamsters Legal Defense Fund" sent to American Legal Services, Inc.

2.7 Indemnification/Hold Harmless – The Union and employees covered by this agreement agree to indemnify, defend and hold harmless the Employer from any and all claims and liabilities, including legal fees and expenses incurred by the Employer in complying with this Article and any issues related to the deduction of dues and fees, unless such error was caused by the Employer's failure to maintain accurate records after receiving notification of a cancellation of deductions. The Union shall refund to the Employer any amounts erroneously paid by the Employer to the Union as union dues, initiation fees and/or assessments, upon presentation of proper evidence.

ARTICLE 3

UNION RIGHTS

3.1 Union Stewards Time Off - A Union steward who is an employee in the bargaining unit (Union Steward and/or a member of the Negotiation Committee) may, with the approval of the Chief or the Chief's designee, be granted time off while conducting contract negotiations or grievance resolution, including arbitration proceedings, on behalf of the employees in the

bargaining unit provided:

They notify the Employer at least forty-eight (48) hours prior to the time off, unless such notice is not reasonably possible;

The Employer is able to properly staff the employees' job duties during the time off; and

The wage cost to the Employer is no greater than the cost that would have been incurred had the Union Official not taken time off.

The Employer shall endeavor to allow up to three (3) members of the Union's negotiation committee to attend negotiation sessions on on-duty time. Such members shall be designated by the Union at least one (1) week in advance, where possible, and may include individuals assigned to other than day shift if the Employer determines that manning on that shift is adequate, without the necessity of overtime (such individuals shall be considered to be transferred to day shift for the day on which the negotiation session is held.) The Chief's approval pursuant to this Section shall not be unreasonably withheld.

3.2 Union Investigative and Visitation Privileges - Representatives of the Union may with prior approval of the Chief or the Chief's designee visit the work location of employees covered by this Agreement at any reasonable time and location for the purpose of investigating grievances. Such representative's activities shall be limited during such investigations to matters relating to this Agreement.

3.3 Bulletin Boards - The Employer shall provide suitable space for a bulletin board to be used by the Union.

3.4 Union Communication - The Union shall be allowed reasonable use of City's email and phone/voice mail systems to communicate with members.

3.5 Steward Training - Union Shop Stewards may be allowed without loss of pay to participate in Union training seminars that are mutually beneficial to the Union and the Police Department. Training time off must be approved in advance by the Chief of Police or designee and will be contingent upon the department's ability to provide proper work coverage during the requested time off.

3.6 Labor Management Committee - There shall be a Labor Management Committee comprised of members/representatives of the Union and management representatives. Non-committee members may attend committee meetings. The committee shall meet at least quarterly to discuss issues of continuing importance to the Union and/or Employer. More frequent meetings may be held at the request of either party, provided five (5) days' notice of the meeting is given, together with notice of the intended topics for discussion. Nothing herein shall constitute a waiver of either party's right to demand collective bargaining of intended or actual changes in mandatory subjects of bargaining. Union representatives to the committee shall be allowed to perform committee functions while on duty, subject to approval of their shift supervisor.

ARTICLE 4

HOURS OF WORK, OVERTIME, CALLBACK AND STANDBY

4.1 **Hours of Work/Patrol Division**. The work schedule for patrol personnel shall be four (4) consecutive days on and three (3) consecutive days off. Each workday shall consist of ten (10) consecutive hours on duty.

4.1.1 Days Off Rotation – Patrol Personnel, except Bike unit working the 4/10 schedule shall rotate their days off in the following manner. The rotation for days off shall occur on the Saturday beginning every sixth (6th), thirteenth (13th), twentieth (20th), and twenty-sixth (26th) week of the cycle and starting with the day shift. The same sequence of days off rotations shall continue after the mid-year shift change.

4.2 **Hours of Work/Non-Patrol Division** - The work schedule for all non-patrol personnel and K-9 Officer shall consist of five (5) consecutive days. Each work day shall consist of eight (8) consecutive hours on duty. Each five (5) day workweek shall be followed by two (2) consecutive twenty-four (24) hour days off. Traffic Officers, NRO, Crime Prevention, and Recruitment and Hiring Officers shall work four (4) shifts of ten (10) hours each per week, with at least two (2) contiguous days off, and with a third (3rd) day off scheduled each week on a fixed or rotating basis at the Employer's option. Detectives shall work four (4) shifts of ten (10) hours each per week, with Saturday and Sundays as fixed days off, and with a third day off scheduled each week, on a fixed or rotating basis at the Employer's option.

4.2.1 Notwithstanding the normal 4/10 schedule for Detectives and Traffic, Employer, in its discretion, may modify an employee's 4/10 schedule during any calendar week in which training is scheduled on the employee's regularly scheduled day off as long as fourteen (14) days' notice is given.

4.3 **Breaks** - For employees on eight (8) and ten (10) hour shifts, a workday shall include at least a thirty (30) minute lunch break and two (2) fifteen (15) minute coffee breaks. All employees shall be subject to immediate call during coffee and lunch breaks.

4.4 **Schedule Change** - The afore-referenced schedules shall apply except for regular schedule shift changes or bona fide emergencies declared by the Mayor or Chief of Police, which could not otherwise be anticipated, and which might require deviating from the schedule. Schedules may be adjusted by mutual agreement of the Employee, Union and Employer. An employee may be changed to an eight (8) hour shift for training.

4.5 **Overtime** - Overtime shall be compensated at the rate of one and one-half (1-1/2) times the employee's regular hourly rate of pay for all hours over forty (40) compensated hours in a workweek. A workweek for Patrol personnel shall be defined as the seven (7) day period from Saturday through Friday. A workweek for the non-Patrol personnel shall be defined as the seven (7) day period from Monday through Sunday.

4.5.1 All overtime shall be authorized by the Chief or the Chief's designee in advance or within twenty-four (24) hours after the work has been performed, or such longer time as is reasonable under the circumstances. Overtime shall be adjusted by compensatory leave or by overtime pay in accordance with Section 11.3.

4.5.2 All overtime shall be compensated for in increments of fifteen (15) minutes with the major portion of fifteen (15) minutes being paid as fifteen (15) minutes.

4.5.3 Overtime – Non-LEOFF Employer - When an employee works an extra duty assignment (for example flagging) and the City is paid by a non-LEOFF employer, the employee's compensation shall only be taken as pay. Compensatory time is not allowed. Employees who work an extra duty assignment shall be compensated for the actual time worked, but in no event shall such compensation be less than four (4) hours at the overtime rate.

4.6 **Voluntary and Mandatory Overtime** - This section intends to address overtime shifts that are scheduled in advance to ensure minimum staffing levels are maintained for police operations. In general, overtime for extra-duty assignments is not mandated.

4.6.1. Overtime opportunities will be communicated via designated software and may include email and/or text messages. If urgent, vacancies may be communicated/filled via phone or verbally. When time allows, a reasonable period of time shall be allowed that affords all members to answer any voluntary requests. Such voluntary overtime shall be assigned in a manner that distributes the voluntary overtime opportunities in as balanced **manner** as practical. In the case of same-day overtime necessities, overtime will be assigned to the first person to volunteer for the vacancy. Absent volunteers, a supervisor will assign an officer to hold over from the previous shift.

4.6.2 If no member volunteers to work the required period, involuntary recall of officers shall be in order of reverse **seniority** by date of hire. Those units or divisions designated to fill mandatory shifts will be designated by the Chief of Police or designee.

4.6.3 Selection for mandatory overtime shall begin at the bottom of the list and work upward. Officers will only be considered to fill the vacancy if their regularly scheduled shift is within or adjacent to vacancy hours. If the need for a mandatory overtime shift is a swing shift (or occurs mostly during swing hours), any **officers** will be considered.

4.6.4 If an officer has been recalled involuntarily during that calendar month OR if the officer has already volunteered for any overtime shift of 3 hours or more during that calendar month, that officer will be bypassed, and any subsequent recall will be the next least senior officer.

4.6.5 The list will be maintained and resume from the next officer on the list. Once the list has been exhausted, selection will resume from the least senior officer.

4.6.6 Officers will not be mandated to work overtime shifts of less than three hours unless mutually agreed-upon by the officer and the City. Overtime shift extensions per Department policy to complete ongoing work are acceptable. An overtime shift extension to cover a staffing shortage will not be mandated to exceed fourteen (14) continuous hours, absent extenuating circumstances.

4.6.7 An officer will not be involuntarily recalled when on a pre-approved vacation or comp time, including the days off contiguous to the vacation or comp time as long as the vacation or comp time is at least two days in duration.

4.6.8 Nothing in this Section shall prohibit the exchange of straight time to fill the

needed shift when mutually agreed-upon by the officer and the City.

4.7 Callback - Except as otherwise provided below, in Subsection 4.6.3, employees called back to service after completing a duty shift, while on their day off or more than three (3) hours before the start of their regular shift, shall be compensated for the actual time spent, but in no event shall such compensation be less than three (3) hours at the overtime rate as provided for in this Article 4.

4.7.1 Employees who make Court or other subpoenaed appearances while off duty shall be required, except for bona fide emergencies, to perform solely that specific assignment.

4.7.2 Employees called back while on vacation or leave of absence shall be reimbursed reasonable transportation costs required to return to duty provided the employee is more than one hundred (100) miles away from the employee's home. Provided, however, that payment need not be made if the officer schedules vacation after notice is given to the officer or if the officer can reasonably reschedule the required appearance date. The officer shall consult with the supervisor as soon as the conflict is known.

4.7.3 Callback for court appearances shall be administered pursuant to the provisions of this subsection.

4.7.3.1 Off-duty employees required to standby for immediate response to a court appearance on behalf of Employer shall be entitled to three (3) hours at the overtime rate for such standby time, provided that if the employee is called in to court, the standby time shall be included in the three (3) hour minimum callback.

4.7.3.2 A night shift patrol officer scheduled to attend both a morning and afternoon court session shall: (a) be relieved from working nine hours prior to the beginning of the morning session with no loss of pay, and (b) have the time spent in court treated as the employee's normal work shift on court day and receive compensation for the court sessions at his or her regular rate of pay. The employee will be compensated for court at the overtime rate if the court session lasts longer than the employee's regularly scheduled shift. In the event the employee actually attends only a morning or afternoon court session, he/she shall be compensated for the actual time spent, but in no event shall such compensation be less than three (3) hours at the overtime rate and the employee will be required to make up the hours for the session he/she was not required to attend. An off-duty employee required to attend either a morning and/or afternoon court session shall be compensated for the actual time spent at the overtime rate, but in no event shall such compensation be less than three (3) hours at the overtime rate. The Employer may elect to pay the officer continuously during the break between the court sessions, in which case only one (1) minimum three (3) hour callback will apply.

4.7.4 Except as required by law, there shall be no compensation for callbacks occasioned by the employee's own neglect.

4.8 Standby - An off-duty employee who is required to keep the Employer informed of his/her whereabouts or an employee who is required to be available by telephone shall be considered to be on Standby.

4.8.1 The Employer shall not require employees to be on Standby without compensation except in the case of bona fide emergencies declared by the Mayor or Chief of Police. Employees shall endeavor, on an entirely voluntary basis, to keep the Employer informed of their whereabouts and/or their availability.

4.8.2 Standby shall be authorized only by the Chief or the Chief's designee. When Standby is ordered, which either (a) requires the employee to carry a department-issued cellular phone and to respond to a call-out within forty-five (45) minutes (except when on On-Call), or (b) places such restrictions on the employee that require the employee be paid pursuant to the FLSA regulations contained in 5 CFR 551.431 or applicable Washington State statutes, such Standby shall be paid for at a rate equal to the higher of twenty percent (20%) of the employee's regular basic hourly rate of pay or the rate required by the FLSA or state statute. An employee assigned to On-Call shall not be deemed to be on Standby Duty.

4.9 **On-Call** - Any Employee assigned as On-Call for Traffic, PIO, Investigations, or other unit(s) as designated by the Chief of Police shall be guaranteed a minimum of one-half (~~1.5~~) hour of On-Call Pay (which shall be equivalent to ~~1.5~~ hours of overtime) for each assigned work day (generally Monday through Friday) and two (2) hours On-Call pay (which shall be equivalent to 2 hours of overtime) for each assigned day off, including designated holidays. On-call hours for a specialty unit shall be defined as all hours for which a member of that unit is not on duty.

4.9.1 Unit Supervisors will determine mutually agreed upon on-call schedules to ensure appropriate coverage.

4.9.2 Supervisors may approve on-call assignment trades between personnel.

4.9.3 When on-call, employees are responsible to remain fit for duty and able to respond within a reasonable period (approximately 60 minutes).

4.9.4 Employees assigned on-call will be provided a take-home vehicle, subject to the City vehicle use policy. De minimis personal use during on-call periods is deemed appropriate.

4.10 **Leave for Testimony** - Officers subpoenaed and required to testify in criminal cases on behalf of their former law enforcement employer shall receive up to a maximum total of forty (40) hours of paid leave, on a cumulative basis for all such cases, as necessary to testify. Paid leave in excess of forty (40) hours for any one employee to testify in criminal matters for the employee's former employer, or to testify for a former employer in a civil matter, may be granted in the discretion of the Chief or the Chief's designee. All fees or compensation received by the Employee in relation to such testimony shall be accounted for by the employee and paid to the City.

4.11 **Daylight Savings Time** – Employees who work a longer shift when the clocks are moved back one hour due to Standard time in the fall will be paid for the time in excess of the employee's normal workday at the overtime rate of pay. Employees who work shorter shifts due to when the clocks ~~moving are moved~~ forward to Daylight Savings time in the spring will be paid for the full shift have the option of choosing to work an additional hour so that the employee works a 10-hour shift or to use one hour of paid time off (e.g., vacation, compensatory time, holiday banked, etc., but not sick) at the employee's discretion.

ARTICLE 5 SENIORITY

5.1 **Definitions Relating to Seniority** - As used in this Agreement the following terms shall have the meanings indicated:

- a. “Department Seniority” means the length of an employee's most recent Continuous Employment in the Department measured from the employee's first compensated day of employment in the Department as a commissioned officer.
- b. “Seniority in Classification” means the length of an employee's most recent Continuous Employment in a classification in the Department (which shall include service in any higher classification as provided in this Article) measured from the first date of employment in that classification or a higher classification in the Department.
- c. “Continuous Employment” means a continuous period of employment in the Department that is unbroken by resignation, discharge, or retirement. Leaves of absence, or military leaves shall not break Continuous Employment. Layoffs and reductions in classification pursuant to Subsection 5.6.1 shall not break Continuous Employment until the expiration of the period during which the employee has a right to be offered reemployment or promotion pursuant to Subsection 5.6.2 of this Agreement. Upon a break in Continuous Employment an employee shall lose all seniority.
- d. “Order” means the order of Department Seniority or Seniority in Classification arranged from the longest seniority to the shortest. If more than one employee is hired or promoted on the same date, the Order of seniority shall be determined by using the following criteria:
 1. The Order of Department Seniority for employees hired on the same date shall be determined by the order (from the highest to lowest) of each employee's unrounded score on the exam for the position held by each employee, respectively. In the event of equal scores, the Order shall be determined by a random means, which once determined shall thereafter be established for all purposes.
 2. The Order of Seniority in Classification for employees promoted on the same date shall be determined by the order (from the highest to the lowest) of each employee's unrounded score on the applicable promotional exam. In the event of equal unrounded scores, the Order of Seniority in Classification shall be determined by the Order of each employee's Department Seniority.
- e. “Department” means the City of Redmond Police Department.

5.2 **Seniority List** - The Employer shall maintain and post, at least annually, a current seniority list reflecting the Order of Department Seniority and Seniority in Classification. These lists, appropriately updated to reflect any new hires, promotions, terminations, or other changes,

shall be used whenever action based upon seniority is called for by this Agreement, and in such other cases as may be agreed by the Employer and the Union.

5.3 Leaves - During the period an employee is on a leave of absence, layoff status, or military leave longer than thirty (30) consecutive days, seniority shall not accrue except as required by any applicable statutory or regulatory provisions, including RCW 38.40.060 and RCW 73.16.031 - .061 and any amendments thereto. Upon returning to work after such layoff or leave, an employee shall be granted the level of seniority accrued as of the last day prior to such leave or layoff.

5.4 Vacation Scheduling - Vacation scheduling for each calendar year (January 1 through December 31) shall be administered in accordance with Department Seniority and shall begin at the conclusion of the shift bidding process and will be completed no later than November 30. Thereafter vacation requests shall be administered on a “first come, first served” basis.

5.5 Shift Bidding - Regular Shift changes (as defined in Subsection 1.5) shall be determined by bidding based upon Seniority in Classification. After shift bidding is complete, Sergeants will select their squad based on seniority, followed by Corporals, followed by Officers. The Police Chief or designee should defer to the squad bids but may alter the selections based on operational or departmental needs.

5.5.1 After the yearly bid is complete and all shift assignments finalized, Sergeants and officers may choose to request an alternate shift assignment (day, swing, power, or night) via a memo to an Operations Lieutenant via the chain of command.

5.5.2 Additionally, if a new shift assignment or a vacancy is created after the yearly bid is complete and all shift assignments finalized, officers will be notified and officers may choose to request the new shift assignment via a memo or interest to an operations Lieutenant via the chain of command, submitted before the shift assignment is filled.

When command acts to fill a shift assignment, several factors are taken into consideration in the following order:

- a. Operational and departmental needs.
- b. ~~Date the request was received.~~ Seniority of requestor
- c. ~~Seniority of requestor.~~ Date the request was received.
- d. Nature of request.

5.6 Personnel Reduction

5.6.1 Personnel Reduction Process - In the event of a personnel reduction, for whatever reason, the Employer and Union agree to follow the process and procedure contained in this Article. Employees shall be laid-off in inverse Order of Seniority in Classification. Except as otherwise provided in this Section, an employee above the classification of Police Officer shall bump back to the next lower classification, if any, previously held by that employee in which such

employee's Seniority in Classification is greater than the Seniority in Classification of all other employees who would otherwise be in such lower classification after implementation of the personnel reduction. Lateral entry personnel in a classification higher than Police Officer who have not held a lower classification in the Department shall bump back to the lowest applicable classification if their Department Seniority is greater than all other employees who would otherwise hold the lower classification after implementation of the personnel reduction. The process and procedure contained in this Article shall apply to bargaining unit members and, in addition, the non-bargaining unit, commissioned members of the Department of a higher classification shall bump back into the last lower classification held by that individual which is included in the bargaining unit on the same basis as provided in this Article, notwithstanding the fact that the lower classification is included in the bargaining unit. The steps for a personnel reduction shall be as follows:

Step 1 **Designation by Employer** - The Employer will designate the number of employees in each classification to be laid-off by notice to the Union (the “Designation Notice”) and by posting in the Department, which notice shall specify an effective date for the personnel reduction (the “Effective Date”), which shall not be earlier than ninety (90) days from the date of the Designation Notice.

Step 2 **Volunteers** - For a period of thirty (30) days after the Designation Notice employees in the classifications affected by the personnel reduction shall have the opportunity to voluntarily accept layoff, or bump to a reduction to a lower classification as provided herein, as of the Effective Date, without regard to their seniority rights. Volunteers shall be accepted on a first-come, first-served basis. The number of volunteers shall be limited by the number of employees in each classification subject to the personnel reduction as specified in the Designation Notice.

Step 3 **Implementation** - Within forty (40) days after the Designation Notice the Employer shall deliver to the Union, and post, a notice (the “Personnel Reduction Notice”) which shall list (a) the layoffs and reductions in classification which will result upon implementation of the personnel reduction and the voluntary layoffs and reductions in classification; (b) the Order of all employees affected by the layoffs and reductions in classification; and (c) the Order of all employees not affected by the layoffs and reductions in classification. Any employee who believes that the Personnel Reduction Notice improperly reflects the intent of this Agreement shall provide written notice to the Employer and Union within ten (10) days after posting of the notice. The notice shall describe the basis of the employee's position, and the employee's interpretation of the proper application of this Agreement, including the identity of employees who would be affected by the different interpretation. The Employer and the Union will review the issues with all employees who would be affected. If the Employer and the Union cannot resolve the issues raised within thirty (30) days after the Personnel Reduction Notice is posted, both parties agree to submit the issue to binding arbitration on an expedited basis before a single arbitrator which the parties agree to select provided that the arbitrator must be available for a hearing and decision within sixty (60) days after the Personnel Reduction Notice is posted. The arbitrator so selected shall hold a

hearing and render a decision based on the interpretation and application of the provisions of this Agreement within thirty (30) days after the arbitrator's selection. All employees whose layoff or reduction in classification status might be affected by the results of the arbitration, including the possibility of being subject to layoff or reduction in classification although the employee was not included in the list of layoffs and reductions in classification in the Personnel Reduction Notice, shall have the right to appear and present their position to the arbitrator. For all issues related to the application and interpretation of this Section 5.6 the arbitration process in this Section shall supersede the grievance arbitration process as provided in Article 13. The agreement by the Union, and/or ruling by the arbitrator pursuant to this Section shall be binding on all employees, provided that any employee who was not designated for layoff by the Personnel Reduction Notice, but who becomes subject to layoff as a result of an agreement by the Union or the arbitrator's ruling, shall not be laid-off until Employer has provided the employee with at least thirty (30) days written notice of layoff.

Step 4

Amendment of Reduction - At any time after the Designation Notice the Employer may reduce the number of employees to be laid-off by providing notice to the Union, provided however, the reduction shall not effect the time periods specified in this Article which shall continue to be measured from the Designation Notice. The Employer shall have the right to delay the Effective Date of the personnel reduction for up to sixty(60) days after the date specified in the Designation Notice.

5.6.2 Re-Employment and Promotion Rights - Employees bumped back to a lower classification shall be eligible to promote to vacancies in the previously held higher classification, or any lower classification, by Order of Seniority in Classification in that higher classification. Employees above the classifications of Police Officer who volunteer to be laid-off pursuant to Step 2 above shall be eligible to fill vacancies in that previously held classification, or any lower classification, by Order of Seniority in Classification in that classification, during the Re-Employment Eligibility Period as defined below. All employees laid-off or volunteering to be laid-off pursuant to Step 2 above, shall be eligible to fill Police Officer vacancies, by Order of Department Seniority, during the Re-Employment Eligibility Period. In all cases, the eligible employee with the highest Seniority in Classification shall be entitled to the opening, provided that such eligible employee must be a “Qualified Employee”, which for the purposes of this Section shall be defined as an individual who (a) meets the then current employment standards, and (b) if the Re-Employment Offer is more than twenty-four (24) months after the Effective Date. Any employee re-employed or promoted pursuant to this Section who was on probation as of the Effective Date shall complete the probation period upon re-employment or promotion, without any credit for the period between the Effective Date and the first date of re-employment or promotion pursuant to this Section. “Re-Employment Eligibility Period” shall mean the five (5) year period which commences on the Effective Date. Employees offered re-employment pursuant to this Section more than twenty-four (24) months after the Effective Date shall be required to satisfactorily complete appropriate

retraining. Employees who fail to satisfactorily complete the retraining shall be subject to termination. The employee and Union shall have the right to grieve whether the retraining was satisfactorily completed but shall not have the right to grieve whether the retraining or employment standards are appropriate. When the Employer desires to fill a position for which an individual is entitled to re-employment if the individual is a Qualified Employee, or promotion, pursuant to this Section, the Employer shall send an offer of re-employment (subject to a subsequent determination that the employee is a Qualified Employee) or promotion, as the case may be, (the “Re-Employment Offer”) via certified mail, return receipt requested, to the eligible employee at his/her last known address. If the employee fails to respond within fifteen (15) days after mailing of the offer, or rejects the offer, the employee shall have no further right to re-employment or promotion pursuant to this Section, provided that a former employee who was laid off or who voluntarily accepted layoff from a classification above Police Officer, shall have the right to be offered re-employment at such higher classification, or any applicable lower classification, if he/she is a Qualified Employee and has the highest Order of Seniority in Classification in that classification of all eligible employees, although such employee has previously failed to respond to, or rejected an offer of re-employment as a Police Officer. For the purposes of this Article, a former employee's last known address shall be the address appearing on the Employer's records and may be changed by the former employee only by providing the Employer with notice of a new address by certified mail, return receipt requested.

ARTICLE 6 WAGES

6.1 Wages - The monthly rates of pay for employees covered by this Agreement shall be as set forth in the Appendix “A” which by this reference shall be incorporated herein as if set forth in full.

ARTICLE 7 HOLIDAYS

7.1 Dates - The following days shall be considered holidays for all employees covered by this Agreement:

| <u>Holiday</u> | <u>Date to be Observed</u> |
|------------------|----------------------------|
| New Year's Day | January 1 |
| M.L. King Day | 3rd Monday in Jan. |
| President's Day | 3rd Monday in Feb. |
| Memorial Day | Last Monday in May |
| Independence Day | July 4 |
| Labor Day | 1st Monday in Sept. |

| | |
|------------------|---|
| Veterans' Day | November 11 |
| Thanksgiving Day | 4th Thursday in Nov. The Day After Thanksgiving |
| Christmas Eve | December 24 |
| Christmas Day | December 25 |
| Floating Holiday | |

7.2 **Holiday Time** - The Holiday Time provided to each employee each month is to account for the 12 City holidays and one floating holiday at ten hours per day. This is equal to 130 hours per year. On a monthly basis, employees shall receive 10.83 hours per month into their Holiday Time.

Patrol Personnel = 12.33 hours per month

Non-Patrol Personnel = 10.83 hours per month (effective July 19, 2022)

7.3 **Time Off in Lieu of Holidays** – Personnel shall, in lieu of time off on the holidays identified in Section 7.1, receive hours in their holiday time as set forth above. The employee shall receive the amount designated for Patrol Personnel or Non-Patrol Personnel for each month based on which division they were assigned and work fifty percent (50%) or more of their time.

7.3.1 Such officers who work on a holiday will be paid at their straight time rate. Officers shall take Holiday Time off in the same manner as other leave is administered in the Department, provided that, any time taken off on a holiday, as identified in Section 7.1, shall be deducted from Holiday Time.

7.3.2 All accumulated Holiday Time in excess of 12.33 hours and 10.83 hours respectively which has not been used by November 30 of each year shall be "cashed out" by the City paying the employee at the straight time rate for each unused hour of Holiday Time. The 12.33 (Patrol) or 10.83 (Non-Patrol) hours of Holiday Time not cashed out shall be carried over into the next calendar year. Any officer transferring between a patrol assignment and a non-patrol assignment shall receive 12.33 hours of Holiday Time for the month during which the transfer occurred if the officer works a majority of the time in the patrol assignment during that month, as determined by the total hours scheduled in said month, excluding overtime, otherwise the officer shall receive 10.83 hours of holiday leave.

ARTICLE 8 LEAVES

8.1 **Vacation Leave** - Each full-time employee shall earn vacation leave time each month according to length of service, with the total vacation accrual to be as noted in the following schedule:

| <u>Length of Continuous Service</u> | <u>Annual Vacation Hours Accrued</u> |
|--|---|
|--|---|

| | |
|--------------|-----|
| 1st-2nd year | 96 |
| 3rd year | 104 |
| 4th year | 112 |
| 5th year | 128 |
| 7th year | 136 |
| 9th year | 144 |
| 11th year | 152 |
| 13th year | 160 |
| 15th year | 168 |
| 17th year | 176 |
| 20th year | 184 |

Vacation accrual rates change on the first pay period following the employee’s next year of service. For example, if an employee’s hire date is June 20, 2016, the employee starts his/her 3rd year on June 20, 2018, with the accrual increase starting on the first pay period of July 2018.

Employees who are currently receiving vacation leave at the “23 year and on” schedule will be grandfathered at the 192 hours vacation accrued per year. If those employees separate service and are rehired, the grandfathered status will cease.

8.1.1 ~~After six (6) months continuous service,~~ An employee's vacation credits earned shall be vested as of the end of each full month of service and shall be taken in accordance with standard personnel practices in force with the Employer. **8.1.2** Employees whose employment is terminated for any reason shall receive pay for any vacation time earned but not taken through their last full month of employment. When an employee voluntarily resigns his/her employment, the last day worked is considered the last day on the City’s payroll, which may be extended by up to two weeks through the use of vacation, holiday, or compensatory time upon the employee’s request and the Chief’s approval.

8.2 Sick Leave - Please refer to 9.30 Sick Leave in the Personnel Manual.

8.2.1 For the purpose of this Subsection, retirement shall be defined as either (a) normal service retirement or (b) voluntary termination in good standing after twenty (20) years of continuous service with the Redmond Police Department. Please refer to 7.120 Retirement Bonus Pay in the Personnel Manual.

8.2.2 The sick leave provisions contained herein are to be considered as a part of the Employer's obligation under the Law Enforcement Officers and Fire Fighters (LEOFF) Retirement System (Revised Code of Washington, Chapter 41.26) to provide health and disability coverage for the employees included therein. All sick leave time off shall be charged against accrued sick leave regardless of whether it is covered under the LEOFF Act or not. It is not the intention of this provision to provide duplicate coverage, or to provide an extension to LEOFF disability payments beyond six (6) months from the date of disability.

8.3 Bereavement Leave - Upon the death, or serious illness with an impending death, of a member of the employee's immediate family, the employee shall be entitled up to forty (40) hours, to be used in full day increments, of Bereavement Leave without loss of compensation for the employee's regularly scheduled shifts not worked during such leave. The forty (40) hours of Bereavement Leave shall be used within ~~six (6) months a 14-day period~~ from the date of death, or the onset of impending death. Additional time off ~~or length of time to take bereavement leaves may be required for travel or other circumstances~~ may be granted if approved in advance by the Employer. Such additional time shall be deducted from vacation, sick or compensatory leave.

8.3.1 “Immediate Family” for bereavement leave shall be defined as spouse; Domestic Partner; parent; child; sibling; grandparent; grandchild; mother-in-law; father-in-law; step parent; stepchild; foster- child; legal ward; child of a Domestic Partner; or mother, or father, of a Domestic Partner.

8.4 Leave of Absence - Leave of absence without pay may be granted to an employee for a period of not to exceed one (1) year by the Department Head subject to the approval of the Mayor when it has been determined to be in the interest and to the welfare and convenience of the Employer providing adequate provision can be made for replacement of the employee during the employee's absence. To obtain a leave of absence, an employee must take application submitting the reasons for requesting the leave of absence, the length of time requested and the expected return date. No leave of absence without pay shall be granted until all accrued and unused vacation time has been utilized by the employee. Leave of absence time shall not affect civil service and seniority status of the employee.

8.5 Parental Leave and Family Sick Leave – Please refer to 9.30 Sick Leave in the Personnel Manual.

8.6 Shared Leave Program

8.6.1 The parties agree to adopt a Shared Leave Program under the terms and conditions set forth below. All employees covered by this CBA are eligible for the Shared Leave Program.

8.6.2 Purpose - The Shared Leave Program enables regular full-time employees to donate leave as defined in 8.6.4 to fellow regular full-time employees who are faced with taking leave without pay or termination due to extraordinary or severe physical or mental illnesses. The program also allows employees to accept donated leave to care for relatives or household members suffering from an extraordinary or severe illness if the duration of the illness will cause the employee to take leave without pay or to terminate employment. Implementation of the program for any individual employee is subject to agreement by the Employer, and the availability of shared leave from other employees. The Employer's decisions in implementing and administering the shared leave program shall be reasonable.

8.6.3 Definitions - The following definitions shall apply to this provision.

- a. “Employee's relative”: Shall mean the employee's spouse, Domestic Partner, child, stepchild, child of Domestic Partner, grandchild, grandparent, stepparent, or parent.

- b. “Household members”: Shall mean persons who reside in the same home who have reciprocal duties to, and provide financial support for, one another. This term shall include foster children and legal wards, even if they do not live in the household. The term does not include persons sharing the same general house when the living style is primarily that of a dormitory or commune.
- c. “Severe or extraordinary”: Shall mean serious, extreme, or life-threatening conditions.

8.6.4 Donation Restrictions - The following restrictions shall apply to all shared leave transactions:

- a. Employees may donate vacation leave available in their leave bank, provided the donation does not cause the employee's annual vacation leave balance to fall below forty (40) hours.
- b. Effective on the first payroll period after the signing of the agreement by both parties, employees may donate Regular Sick Leave (RSL) only, available in their leave bank, provided the donation does not cause the employee's RSL balance to fall below forty (40) hours.
- c. Compensatory leave may be donated, with no restrictions.
- d. The Employer shall determine whether an eligible employee shall receive shared leave and, if so, the amount of donated leave the employee may receive; provided, no employee shall receive more than two thousand eighty-eight (2,088) hours of shared leave during total City employment.

8.6.5 Eligibility - Employees may be eligible to receive shared leave under the following conditions:

- a. When the Employer determines the employee meets the criteria described in this policy.
- b. The employee is not eligible for time-loss compensation under RCW Chapter 51.32. If the time-loss claim is approved at a later time, all leave received shall be returned to the donors, and the employee shall return any overpayment to the department.
- c. The employee has complied with department policies regarding the use of sick leave.
- d. If the donated leave is from a different City agency, it shall be transferable only by agreement of both agency heads.
- e. The Employer may require the employee to submit, prior to approval or disapproval, a medical certificate from a licensed physician or health care practitioner verifying the severe or extraordinary nature and expected duration of the condition.

8.6.6 Recipient Responsibilities

- a. Donated leave shall be used only by the recipient for the purposes specified in this policy.
- b. All other forms of available paid leave shall be used prior to applying to the Shared Leave Program, provided that the employee may reserve up to forty (40) hours of sick leave and forty (40) hours of vacation leave.

8.6.7 Return of Shared Leave - Shared leave not used by the recipient shall be returned to the donor(s). Returned leave shall be:

- a. Divided among the donors on a pro-rated basis, computed on the original donated value;
- b. Returned at its original donor value; and
- c. Reinstated to each contributor's leave balance at its original donor value.

8.6.8 Calculation of Shared Leave - The receiving employee shall be paid at his/her regular rate of pay: therefore, depending on the value of the shared leave, one (1) hour of leave may cover more or less than one (1) hour of recipient's salary. The dollar value of the leave shall be converted from the donor to the recipient. The leave received shall be coded as shared leave and be maintained separately from all other leave balances.

8.6.9 Participation in the Shared Leave Program is voluntary. No employee shall be coerced, threatened, intimidated, or financially induced into donating annual leave for purposes of this program.

8.6.10 When an employee donates RSL, the employee's overall RSL balance is reduced by the amount donated, and donated RSL will not reduce the employee's sick leave bonus.

8.7 The Union may open negotiations in calendar year 2023 on the Union's proposal to allow employees to utilize paid leave to supplement (aka "top off") their pay; provided that such negotiations will not be subject to the interest arbitration process under the statute.

ARTICLE 9 INSURANCE AND DISABILITY BENEFITS

9.1 Self-Insurance ~~— The Employer shall provide~~All medical, dental and vision coverage through the City of Redmond Self Insurance Plan or Health Maintenance Organization (HMO) ~~shall be provided through self-insurance by the Employer in substantially the form adopted by the Employee Benefits Committee and approved by the City Council on May 26, 1992 (the "Self Insurance Plan")~~. Effective January 1, 2008, employees will pay twenty percent (20%) of the dependent medical dental and vision premiums. For each plan year, the Employer shall retain an independent third party, experienced in setting rates for self-funded plans, who shall determine the appropriate and prudent rates for the self-insured plan, to be effective for that year. The independent third party shall use the usual and customary insurance/actuary principles and procedure to establish the rates. Prior to the final rates being set, the City ~~and the independent third party~~ shall meet with the Union to review the methodology and data used to prepare the rates. Bargaining unit employees who elect to be covered by Kaiser Permanente shall pay the cost of such coverage that exceeds the amount paid by the Employer under the self-insured plan for the employee and dependents. The Employer's contribution shall be prorated for part-time employees, pursuant to the Redmond Personnel Manual.

9.1.1 For the purpose of Paragraph 9.1 only, the term "dependent" shall include Domestic Partners and a Domestic Partner's dependent children. Such designation shall not control whether such individuals are dependents for any other purpose, including federal income tax.

9.1.2 ~~The Employer and Union agree to continue to use the Benefits Committee, on which the Union has a representative, to explore modifications to the Self-Insurance Plan. The Union will participate on the Employee Benefits Advisory Committee (EBAC) in accordance with the Redmond Personnel Manual. Recommended changes may become applicable to Union represented employees only upon ratification by the Union.~~

9.2 **Liability Insurance** - The Employer shall continue to provide the current insurance protection against potential liability actions resulting from an employee's performance of duty.

9.3 **Disability Benefits** - Regular ~~full-time~~ employees who are disabled and unable to return to work on account of illness or injury for a ~~continuous~~ period in excess of three (3) months, and who have used all of their sick leave and vacation benefits, shall receive, for a period not to extend beyond the end of six (6) months of ~~continuous~~ absence from work, disability benefits in the following amounts, less Workers' Compensation Benefits and any amounts paid to the employee from or on behalf of the City, received during the corresponding pay periods, based on length of ~~continuous~~ City employment prior to the last day of work:

| | |
|---|--------------------------|
| Two (2) years of employment: | 30% of salary |
| One <u>Three</u> (13) years of employment: | 40% of salary |
| Two <u>Four</u> (24) years of employment: | 50% of salary |
| Three <u>Five</u> (35) or more years of employment: | 60% of salary |

An employee shall not be eligible for the disability benefits as provided in this Section if the employee has previously received such benefits within the five (5) years immediately prior to the last day of work prior to the disability. If the City makes any improvements or changes to these benefits in the City personnel manual, the Union shall have the right to review and adopt the changes or any portion thereof.

9.4 **Life Insurance** - The Employer shall provide a life insurance and Accidental Death and Dismemberment (AD&D) policy in the amount of Fifty Thousand and 00/100 Dollars (\$50,000.00) per employee.

9.5 **Health and Dependent Care Flexible Spending Accounts (FSAs)**~~Section 125 Plan~~ - Employees in the bargaining unit will be eligible to participate in the Employer's ~~FSAs~~Section 125 plan.

9.6 **Western Conference of Teamsters Pension** - The City and the Union agree to re-open negotiations during the term of this Agreement upon request by the Union for the purpose of negotiating procedures and policies for employees covered by this Agreement to participate in the Western Conference of Teamsters Pension Trust Plan (Plan). The parties understand and agree that the Union will conduct a membership vote to determine whether the membership will participate in the Plan, and that if a majority of members vote in favor of participation, all members must participate. The city agrees to divert from the wages of the members to the Plan's Trust payment on the account of the members as directed by the Union and/or the Plan's Trust.

9.7 Teamsters Retirees' Welfare Trust - Based on December 2024 hours, effective January 1, 2025 and on a monthly basis thereafter, the City shall pay the sum of one hundred seventy five dollars (\$175.00) per month for benefits under the "RWT-XL Plan" during the period this Collective Bargaining Agreement is in effect, the City agrees to remit payment to the Retirees Welfare Trust, c/o NORTHWEST ADMINISTRATORS, INC., for each employee who received compensation for eighty (80) hours or more in the previous month.

The City makes no representations regarding the validity or legality of the Retiree's Welfare Trust, or the tax consequences relating to the contributions to the Retiree's Welfare Trust, and takes no responsibility for establishing, implementing, overseeing, managing, or any other responsibilities for the Retiree's Welfare Trust, other than making the contributions set forth above. The City will not have fiscal responsibility nor legal accountability for the Retirees' Welfare Trust. [City Bargaining Note: The City agrees to pay the RWT premium in lieu of a car allowance or take home car.]

ARTICLE 10 UNIFORMS, CLOTHING ALLOWANCE, AND CLEANING ALLOWANCE

10.1 Uniform - The employer shall continue to provide each employee with all authorized and required uniforms and equipment. Any changes to the authorized and required uniforms and equipment shall be by mutual agreement through the labor management process.

10.2 Clothing Allowance - Detectives, Detective Sergeant, and Recruitment Officers required to wear professional business attire shall receive a clothing allowance of Three Hundred and Fifty Dollars (\$350.00) each six (6) months. Detectives (which shall include employees assigned to non-uniformed specialty assignment) and Detective Sergeants (which shall include Sergeants assigned to non-uniformed specialty assignment) who are not required to wear professional business attire, receive a clothing allowance of Three Hundred and Fifty Dollars (\$350.00) each twelve (12) months. For assignments that may be temporary in nature the clothing allowance shall not be payable until and unless the employee has been continuously assigned to the non-uniformed position for a period of six (6) months, at which time the allowance shall be paid retroactively to the first date of such assignment. An employee assigned to a non-uniformed unit for the first time and required to wear professional business attire shall receive two (2) clothing allowance payments in advance at the commencement of the assignment which shall be a credit against the first two (2) clothing allowance payments which would otherwise be paid to the employee. An employee assigned to a non-uniformed unit for the first time and not required to wear professional business attire shall receive one (1) clothing allowance payment in advance at the commencement of the assignment which shall be a credit against the first clothing allowance payment which would otherwise be paid to the employee. As a condition of receiving each allowance payment, employees may be required to provide receipts for purchase of appropriate detective clothing. Such receipts may be used in the year the clothing was purchased with any excess receipts over the annual clothing allowance usable in the two years following the purchase of the clothing.

10.3 Loss and Destruction - Employees shall be held accountable for all protective clothing or protective devices assigned to the employee by the Employer. Loss or destruction of items of clothing or protective devices shall be replaced by the Employer where said loss was incurred as

a direct result of the performance of the employee while on the job or as the result of an occurrence not due to the employee's intentional act or negligence. Accountable items of clothing or protective devices assigned to an employee which are lost or mutilated as a direct result of the employee's negligence shall be replaced by the employee.

10.4 **Property of Employer** - All uniforms and equipment issued by the Employer to each employee shall remain the property of the Employer. The Employer shall be free to adopt regulations governing the use of all issued uniform, vehicles, and equipment.

10.5 **Cleaning** - Those personnel issued the washable "Class A" uniform shall be responsible for all cleaning costs associated with it, except the "wool" Class A uniform. All personnel identified in section 10.2 of this agreement shall have their clothing cleaned, at one hundred percent (100%) of the necessary cost, by a cleaning service provided by the Employer.

ARTICLE 11 MISCELLANEOUS

11.1 **Training** - When any employee is required to attend law enforcement training courses, unless otherwise paid for, the entire costs shall be borne by the Employer by making arrangements to be billed by the school in advance for tuition and actual expenses incurred, by reimbursement, or by a combination of these methods. Whenever permitted by State Law the Employer shall make every effort to obtain authorization for payment of expenses in advance to the end that the employee shall not be required, to the extent possible, to attend such schools under a "pay out of your own pocket and be reimbursed" arrangement.

~~11.1.1~~ In order to minimize disruptions to employees' lives, the Employer shall attempt to schedule training during employees' regular shifts. Recognizing that scheduled training during employees' regular shifts will not always be possible and subject to the requirements of Articles

11.1.3 and 11.1.4, in the event an employee is required to attend training lasting eight (8) hours or more on the employees' regular day off or requests and is approved for training lasting eight (8) hours or more on the employee's regular day off, the Employer may: (a) deny the training, or (b) compensate the employee in pay or compensatory time at a time and one-half the regular rate for all training, or (c) flex the employee's schedule to accommodate such training so long as the Employer provides the employee with at least seven (7) calendar days' notice that his/her schedule will be flexed. The seven (7) calendar days' notice may be waived by the employee. In the event an employee's schedule is flexed, the alternate days off must be mutually agreed to.

~~11.1.2~~ The option to be credited compensatory time shall not apply to employees during Basic Academy Training. It shall be the responsibility of Employees attending Basic Academy Training to notify the Chief or the Chief's designee of optional training schedules established by the Academy that will cause overtime to accrue and to obtain prior approval for the overtime. If the Department denies the overtime request, the Department shall inform the Academy that it has elected to not pay for the overtime, and that the employee is not expected to attend the designated optional training. The Department shall also inform the Union of the denial and the reasoning therefore.

~~11.1.3~~ If there is an approved training or meeting that occurs outside the employee's

regularly scheduled hours and the employee is required to attend online, the employee shall receive the overtime rate for hours attending the training or meeting, and not the minimum callback.

11.1.4 All employees required to attend training of eight (8) hours or more shall: (a) be relieved from working either ~~ten~~ **(109)** hours prior to the beginning of training or ~~ten~~ **(109)** hours after the conclusion of training with no loss of pay, and (b) have the time spent in training treated as the employee's normal work shift on the training day and receive compensation for the training period at his or her regular rate of pay. The employee will be compensated for training at the overtime rate if the training last longer than the employee's regularly scheduled shift. When training runs at least 8 hours, employees will be compensated for the number of hours in their normally scheduled workday.

11.1.4.1 An employee that would be relieved under this section shall have the option not to work his/her scheduled shift before the training. Employees opting not to work a scheduled shift before the training will be required to use utilize accrued leave to cover the hours from the start of his/her scheduled shift to the time when the employee would have been relieved.

11.1.5 The schedule of an employee attending full day or longer training courses shall be adjusted to conform to the hours of the training program and to exclude breaks and eating periods from the workday, provided, however, if the training is within the City of Redmond and the employee is subject to call during the training, breaks and eating periods will be included in the workday.

11.2 **Department Meetings** - All department meetings that off duty employees are required to attend shall be compensated for at the overtime rate set. The Employer shall whenever possible give employees reasonable notice of said meetings.

11.2.1 Attendance at optional special training classes, whether conducted at the police station or at other locations, shall be without additional compensation.

11.3 **Compensatory Time** - Compensatory time may be accrued by an employee in lieu of pay for court-time call backs, holidays or overtime up to a maximum of one hundred and twenty (120) hours. Compensatory time cannot be earned when an employee works an extra duty assignment and the City is paid by a non-LEOFF employer (see 4.5.3). Employees shall be allowed to cash out some or all of their compensatory time at their discretion.

~~**11.3.1** The Chief of Police shall have the discretion of permitting additional compensatory time in lieu of overtime pay.~~

11.3.12 Accrued compensatory time off shall be taken at a time mutually agreeable to the Employer and the employee. ~~Compensatory time off shall not be taken in conjunction with vacation leave except upon the approval of the Chief of Police or designee.~~

11.3.23 No compensatory time shall be deducted from that accrued to the employee unless the employee actually used that compensatory time or was paid for same or agreed to having it removed for disciplinary purposes.

11.4 **Ammunition** - Employer shall provide and replace at least annually the necessary duty

ammunition for each commissioned officer with such amount to be no less than one box. In addition, no less than six hundred (600) rounds of target ammunition shall be provided each commissioned officer on an annual basis for purposes of firearms training and qualification.

11.5 Performance of Duty - All employees covered by this Agreement shall present themselves on time for their duty schedules in proper working uniform, ready to perform their assigned duties and that there shall be no strikes, slow-downs, stoppage of work or any interference with the efficient management of the Police Department.

11.6 New Hire Probationary Period - The probationary period for Police Officers sent to the Basic Law Enforcement Training Academy shall be one (1) year from the date the officer successfully completes the Academy. Otherwise, probation shall be governed by the Redmond Civil Service Rules and Regulations.

11.7 Civil Service: Discipline and Discharge - Any conflict between the provisions of this Agreement and the City of Redmond Civil Service Rules and Regulations shall be resolved as follows:

- a. To the extent the labor agreement does not address a matter (i.e., discipline, seniority, layoffs, etc.) and Civil Service does, then Civil Service shall prevail; and
- b. To the extent the labor agreement addresses a matter (i.e., discipline, seniority, layoffs, etc.) and Civil Service also does so, the labor agreement shall prevail. The Employer and Union otherwise retain their statutory rights to bargain changes in Civil Service Rules and Regulations (i.e., changes initiated after the effective date of this Agreement) for employees in the bargaining unit. Upon receiving notice of such proposed change(s) from the Civil Service Commission, either party may submit a written request to the Mayor (within sixty (60) calendar days after receipt of such notice) and the result of such bargaining shall be made a part of this Agreement.
- c. In the case that such discipline and discharge is governed by SB 5055, the process and procedure set forth therein shall govern to the extent it conflicts with this Agreement and/or Civil Service Rules.

All demotion, suspension or discharge actions of a non-probationary nature (i.e., after the probationary period) shall be taken only for just cause, and shall be subject to review solely through the grievance procedure contained in this Agreement, provided that, if the Union elects to not submit a demand for arbitration pursuant to Subsection 13.1.2 of the grievance procedure, thereby waiving the right to arbitration, the employee shall have the right to review of the action by the Civil Service Commission, as provided in the Civil Service Rules and Regulations, which shall then apply the substantive and procedural rights as provided in the Civil Service Rules and Regulations. The parties further agree that all decisions relating to the accommodation of a disability are excluded from civil service review provided that such decisions shall be subject to the grievance procedure of this Agreement to the extent such decision is governed by this Agreement.

11.8 Nondiscrimination - The Employer shall not unlawfully discriminate against any employee with respect to compensation, terms, conditions, or privileges of employment, on the basis of race, color, creed, religion, age, gender, marital status, sexual orientation, honorably

discharged veteran or military status, Union membership, or the presence of any sensory, mental or physical disability. An employee or Union claiming discrimination under this Section shall not be entitled to a remedy under the grievance procedure in the event the employee or the Union seek other administrative or legal remedies for the alleged discrimination, provided however, that filing a claim solely for the purpose of complying with applicable time limitations (such as a statute of limitations) shall not be considered as seeking another remedy unless and until the employee or Union fails to obtain dismissal of such claim within a reasonable time after there has been an award in the grievance arbitration. If the employee or Union fails to obtain such a dismissal or seeks other administrative or legal remedies for the alleged discrimination after the grievance arbitration award, the grievance arbitration award shall be vacated, of no force and effect, and the parties shall be entitled to be placed in the status quo ante, in effect prior to the issuance of the arbitration award.

11.9 Crime Prevention Officer and Public Information Officer (PIO) - All of the duties that have been performed by the Crime Prevention Officer and all of the duties performed by the Public Information Officer (PIO) may be assigned either to this bargaining unit or to a civilian position covered by the Police Support Bargaining Unit.

ARTICLE 12 PHYSICAL FITNESS PLAN

12.1 General Purpose

12.1.1 Law enforcement officers have unique job functions, some of which can be physically demanding and dangerous. An officer's capability to perform those functions can affect personal and public safety. Physical fitness underlies an officer's ability to perform many of the frequent and critical job tasks as well as the demanded training of skills.

12.1.2 The purpose of the City of Redmond Police Department physical fitness plan is to promote the physical capability of the members of the Redmond Police Department to meet the physical demands inherent in a police officer's job and to enhance the members' general physical fitness level, with the understanding that some individuals have unique physical characteristics which must be taken into account in assessing and applying the requirements for obtaining the physical fitness incentive.

12.1.3 Participation in the physical fitness program is voluntary. The design of the physical fitness program is not intended to be punitive in nature but is instead designed to encourage employees to continue to maintain the ability to meet the requirements of the Washington State Criminal Justice Training Commission Basic Law Enforcement Academy (BLEA) Physical Ability Test (PAT).

12.2 Standards

12.2.1 The standard employees must satisfy are the requirements of the PAT, including achieving the minimum score for each individual testing component as well as the minimum passing score established by BLEA.

12.3 Conduct of Examinations

12.3.1 Officers and Sergeants who chose to participate will demonstrate that they

meet the requirements of the PAT to a qualified physical fitness instructor during the calendar year with a minimum of 6 months between successful tests. Employees must have successfully completed field training to qualify for the PAT Bonus under the Physical Fitness Plan. Employees shall be given up to three (3) opportunities to successfully complete the test per BLEA standards.

12.3.2 Members shall be on on-duty status during the examination process but shall receive no overtime or extra compensation for the time spent taking the examination unless ordered to take the test at a time other than scheduled hours of work. To receive the Bonus, the test must be taken after completing field training.

12.3.3 Members shall not be required to sign waivers of liability for the examination.

12.4 Physical Limitations

12.4.1 Any employee with proven, temporary physical limitations which prevent or substantially hinder compliance with any or all of the requirement(s) for obtaining the physical fitness incentive should be granted an exemption from compliance with such requirements.

12.4.1.1 To be eligible for such an exemption, an employee must submit a written statement from the employee's physician to the Employer, establishing the condition or disability which prevents the employee from meeting any or all of the requirement(s) for obtaining the physical fitness incentive.

12.4.1.2 If the Employer disagrees with the judgment of the employee's physician, then the Employer shall have the right to have the employee examined by a physician of its choice and at its expense.

12.4.1.3 If the physician utilized by the Employer disagrees with the employee's physician, then the two physicians shall select a third physician, who shall examine the employee at the Employer's expense.

12.4.1.4 The judgment of the third physician as to the employee's physical condition shall be binding, unless mutually agreed to the contrary by the parties.

12.4.1.5 If an employee granted such a temporary exemption meets the standards for which the employee was not granted an exemption, then the employee shall be deemed to have demonstrated that he/she meets the requirements for obtaining the physical fitness incentive and shall be paid the incentive in accordance with section 12.6 below.

12.4.2 In the event an employee is unable to meet any of the standards of the plan due to a disability as defined in the Americans With Disabilities Act ("ADA"), Washington State Law Against Discrimination ("WSLAD"), or claims that a standard is contrary to any laws or regulations, then the Employer will meet and discuss such situations on a case-by-case basis to jointly determine, in consultation with the individual employee, whether an alternative requirement or requirements can be established for the employee which complies with such legal requirements. This review and consultation shall be limited to the specific requirement(s) which the employee is unable to meet due to such disability, or the requirement(s) which otherwise fails to meet established legal requirements.

12.4.2.1 Upon request by the City, the employee shall (a) provide information regarding any claimed disability, including a statement by the employee's treating physician, and (b) submit to an examination by a physician selected by the City, at the City's expense.

12.4.2.2 If it is determined that a meaningful alternative requirement or requirements cannot be established for the employee or that a test poses an increased risk to the employee, the requirement(s) shall be waived, and the employee shall be deemed to have demonstrated that he/she meets the requirements for obtaining the physical fitness incentive and shall be paid the incentive in accordance with section 12.6 below.

12.4.2.3 If the employee and Employer are unable to reach agreement relating to adjustment or waiver of the requirement(s) due to disability or otherwise as provided herein, the issue may be submitted by either party to the grievance procedure. The parties acknowledge that the intent of this Subsection is to provide a procedure by which the physical fitness standards can be customized on an individual basis as required to accommodate protected disabilities, or other legal requirements, and the parties agree to cooperate to accomplish this goal.

12.4.3 The Employer agrees to indemnify and hold the Union harmless from liability to any employee who successfully claims that the physical fitness requirements or alternative requirements violate the employees' rights under the ADA or WSLAD.

12.5 Training for the Plan

12.5.1 To the extent shift scheduling allows, the Employer, in its reasonable discretion, will endeavor to allow three (3) hours of duty time per week to train for the physical fitness plan. This time can be taken in a maximum of sixty (60) minutes at a time with supervisor approval. These 60 minutes include dressing time to get ready for physical fitness and to get ready to go back into service.

12.6 Annual Incentive Bonus

12.6.1 Employees who are able to demonstrate that they meet the requirements of the PAT shall receive an incentive bonus of two and one-half percent (2.5%) of the employee's base annual salary effective at the time of the test. The employees who successfully pass the test shall receive this bonus incentive within thirty (30) days of taking the test.

12.7 **Physical Fitness Reopener** - Either party may reopen this Article 12 for negotiation at any time during the term of this Agreement for the purpose of modifying the provisions hereof to conform to statutory and/or regulatory requirements.

ARTICLE 13 GRIEVANCE PROCEDURE

13.1 **Definition** - A grievance shall be defined as an issue relating to the interpretation, application or violation of any terms or provisions of this Agreement. The Union, the appealing employee, and any other bargaining unit members shall utilize the grievance procedure to appeal any grievance based on rights under this Agreement.

13.2 Grievance Steps

Step 1 – Informal Resolution to Immediate Supervisor

Within fourteen (14) calendar days after the event giving rise to the grievance, or within fourteen (14) calendar days after the employee could reasonably have been expected to have known of the event, the employee shall discuss the problem with the employee's immediate supervisor. Both parties shall attempt to resolve the problem during this discussion and shall provide an informal resolution response in writing (email, memorandum, or other written format) within fourteen (14) calendar days.

Step 2 – To Police Captain

If the employee and/or the Union decides that the grievance has not been satisfactorily resolved at Step 1, within fourteen (14) calendar days the Union will submit the grievance at Step 2 in writing to the affected employee's Police Captain. The grievance shall be in writing, setting forth the nature of the grievance, the facts and/or documents on which it is based, the provision or provisions of the Agreement allegedly violated, and the relief requested. The Police Captain shall respond in writing within fourteen (14) calendar days from the date the Step 2 grievance was received.

Step 3 – To Police Chief

If the Police Captain's response does not resolve the grievance at Step 2, within fourteen (14) calendar days of the response, the Union shall submit the grievance at Step 3 to the Chief in writing for adjustment. The Chief shall respond in writing within fourteen (14) calendar days from the date the Step 3 grievance was received.

Step 4 – To Mayor

If the Chief's response does not resolve the grievance at Step 3, within fourteen (14) calendar days, the Union may submit the grievance to the Mayor in writing for adjustment. The Mayor shall have fourteen (14) calendar days from the date the Step 4 grievance was received to respond in writing to the Step 4 grievance.

Step 5 – Mediation

Upon failure of the Mayor to resolve the alleged grievance at Step 4, the Union shall then be permitted the right to submit a written demand for arbitration to the Employer, within fourteen (14) calendar days. The Union and the Employer may mutually agree to submit the grievance to mediation. If there is a mutual agreement within fourteen (14) calendar days the parties shall agree upon a mediator drawn from a panel of neutral mediators trained in grievance mediation. The mediator will attempt to assure that all necessary facts and considerations are disclosed but will not have authority to compel resolution of the grievance. The parties will not be limited in mediation solely to the facts and arguments presented at earlier steps of the grievance procedure. No transcript or record of the mediation conference will be made, nor will formal rules of evidence be followed.

Step 6 – Arbitration

If no settlement is reached in mediation, the grievance may be appealed to arbitration in accordance with SB 5055 and according to the procedure described below. In this case, the mediator may not serve as arbitrator, nor may any party reference the fact that a mediation conference was held or not held. Nothing said or done by the mediator or any party in the process of the mediation or settlement discussions may be referenced or introduced into evidence at the arbitration hearing. The cost of the mediator shall be borne equally by both parties.

The Employer and the Union shall immediately thereafter select an arbitrator to hear the grievance. If the Employer and the Union are not able to agree upon an arbitrator within fourteen (14) calendar days after receipt by the Employer of the demand for arbitration, the Union and/or Employer may request a list of seven (7) arbitrators from the Federal Mediation and Conciliation Service or other referral service as agreed by the parties. After receipt of the same the parties shall alternately strike the names of the arbitrators until only one (1) name remains, who shall, upon hearing the dispute, render a decision which shall be final and binding upon all parties. The arbitrator's decision may not provide for retroactivity beyond one hundred eighty (180) days prior to the filing of the grievance.

The expenses of the arbitrator, the cost of any hearing room and the cost of shorthand reporter, unless such are paid by the State of Washington, shall be borne by the losing party. The arbitrator shall designate the losing party in the arbitration decision. Each party shall be completely responsible for bearing all costs of preparing and presenting its own case, including compensating its own attorneys and witnesses. This agreed allocation of costs is intended to supersede any statutory provision assessing attorneys' fees against a party so long as the City does not appeal an arbitration decision. If the City appeals an arbitration decision, this section shall be null and void as to the grievance giving rise to the arbitration decision from the date the grievance was originally filed, and this section shall not supersede any statutory provision assessing attorneys' fees against the City.

13.3 Arbitration Election of Remedies – It is specifically and expressly understood and agreed that taking a grievance appeal to arbitration constitutes an election of remedies and a waiver of any and all rights by the Union to litigate or otherwise contest the appealed subject matter in any court or other available forum. Likewise, litigation or other contest of the subject matter of the grievance in any court or other available forum shall constitute an election of remedies and a waiver of the right to arbitrate the matter. The Union does not have a right to bypass the arbitration provisions of this Agreement and resort to litigation or any other forum to appeal a grievance based on rights under this Agreement.

13.4 Bypassed Steps – Upon mutual agreement, one or more steps above may be skipped.

13.5 Timeline Extension - In the event one of the parties is unable to meet the time deadlines set forth in the steps above, the parties will mutually agree to a timeline extension.

13.6 Union Assistance - Nothing herein shall prevent an employee from seeking assistance from the Union or the Union from furnishing such assistance to any stage of the grievance procedure.

13.7 Union Business During the Grievance Process - Union business conducted by a representative of the Union and aggrieved employee under this Section may be performed during duty hours consistent with the requirements of Section 4.1.

ARTICLE 14 SCOPE OF AGREEMENT

14.1 General - This Agreement contains all the terms and conditions agreed upon by the parties, and any and all rights concerned with the management and operation of the Department in accordance with its responsibilities and the powers and authority, which the Employer possesses, are exclusively that of the Employer unless expressly limited by this Agreement.

14.2 Personnel Manual - The City of Redmond Personnel Manual is hereby made a part of this Agreement except that specific provisions of this Agreement shall prevail wherever a conflict therewith exists. Without waiving any rights to bargain regarding any other matter, the Union shall retain its rights under state law to bargain any changes in the personnel manual which concern or impact mandatory subjects of bargaining relating to the Bargaining Unit. The City will give thirty (30) days' notice prior to any changes.

14.3 Right to Bargain - The parties to this Agreement acknowledge that each has had the unlimited right and opportunity to make proposals with respect to any matter deemed a proper subject for collective bargaining. The results of the exercise of that right are set forth in this Agreement. Therefore, the Employer and the Union each voluntarily and unqualifiedly agree to waive the right to oblige the other party to bargain with respect to any subject or matter not specifically covered by this Agreement during the term of the Agreement, except as otherwise mutually agreed upon.

ARTICLE 15 LEGALITY

15.1 General - Should any provision of this Agreement or the application of such provision be rendered or declared invalid by a Court of final jurisdiction or by reason of any existing or subsequently enacted legislation, the remaining parts or portions of this Agreement shall remain in full force and effect. Should any proposal submitted by the Union and agreed to by the Employer not be put into effect because of applicable legislation, Executive Orders or Regulations dealing with Wage and Price Stabilization, then such proposals or any part thereof shall become effective at such time, in such amounts, and for such periods as shall be permitted by Law at any time during the life of this Agreement.

ARTICLE 16 DURATION AND REOPENERS

16.1 This Agreement shall be effective January 1, 202~~5~~² and shall remain in full force and effect through December 31, 202~~7~~⁴.

The parties agree that retroactive application of any contract amendments governing wages and overtime compensation for the period between January 1, 202~~5~~² and the execution of the collective bargaining agreement for that period will be paid only to individuals who either (a) are on the payroll as of the date of ratification, (b) have retired between January 1, 202~~5~~², and the dates of ratification, or (c) permanently left employment as a result of disability between January 1, 202~~5~~² and the date of ratification. All other contract amendments other than those changing

wages and overtime pay, will be effective on the first payroll period after the signing of the agreement by both parties.

**CITY OF REDMOND
117/IBT**

TEAMSTERS LOCAL UNION NO.

By: _____

By: _____

| Angela Birney, Mayor
Secretary-Treasurer

~~John Seearney~~ Paul Dascher,

Date: _____

Date:

ATTEST:

By: _____

Cheryl Xanthos, City Clerk

Date: _____

APPENDIX A

**PAY PLAN “P” – TEAMSTERS LOCAL UNION 117
POLICE OFFICER, CORPORAL, & SERGEANT**

THIS APPENDIX is supplemental to the AGREEMENT by and between the CITY OF REDMOND, WASHINGTON (hereinafter referred to as the “Employer”) and Teamsters Local Union 117 (hereinafter referred to as “Union”).

A.1 Salary Schedule and Adjustments – Salaries set forth in the following schedules (Pay Plan “P”) shall be adjusted each year as set forth here:

~~January 1, 2025~~ **Salary Adjustment** - Effective January 1, 202~~5~~², the monthly rates of pay for employees covered by this Agreement shall be based on the following. This represents a ~~six percent (6%)~~^{6.3%} increase ~~for all positions and an additional 4% increase for Sergeants.~~ Retroactive pay shall be applied pursuant to Article 16.1.

| 2025² PAY PLAN "P" - POLICE OFFICER AND SERGEANT | | | | | |
|---|-----------------------|-------------|-----------------|---|---|
| <u>Ordinance No. –</u> | | | | | |
| <u>Effective Jan. 1, 2025</u> | | | | | |
| <u>Teamsters Local Union 117</u> | | | | | |
| <u>Ordinance No. –</u> | | | | | |
| <u>Effective Jan. 1, 2025</u> | | | | | |
| <u>Teamsters Local Union 117 – Update</u> | | | | | |
| Grade | Position Title | Step | Duration | Monthly | Annually |
| C1 | Police Officer | A | 0-12m | \$8,996 ^{\$7,554} | \$107,952 ^{\$90,648} |
| | | B | 13-24m | \$9,239 ^{\$7,758} | \$110,868 ^{\$93,096} |
| | | C | 25-36m | \$9,707 ^{\$8,151} | \$116,484 ^{\$97,812} |
| | | D | 37-48m | \$9,951 ^{\$8,356} | \$119,412 ^{\$100,272} |
| | | E | 49m+ | \$10,418 ^{\$8,748} | \$125,016 ^{\$104,976} |
| C2 | Corporal | A | | \$11,461 ^{\$9,623} | \$137,532 ^{\$115,476} |
| C5 | Sergeant | A | 0-12m | \$12,754 ^{\$10,709} | \$153,048 ^{\$128,508} |
| | | B | 13m+ | \$13,136 ^{\$11,030} | \$157,632 ^{\$132,360} |

~~January 1, 2026~~ **Salary Adjustment** - ~~Effective January 1, 2023, the monthly rates of pay for~~

~~employees covered by this Agreement shall be based on the following. This represents a 7% increase. Effective January 1, 2026, the monthly salaries for employees covered by this Agreement shall be increased by one hundred percent (100%) of the first half annual 2025 Consumer Price Index-W (CPI-W) for Seattle/Tacoma/Bellevue, with a 2% minimum and 5% maximum.~~

| 2023 PAY PLAN "P" – POLICE OFFICER AND SERGEANT | | |
|--|--------------|--------------|
| - | - | - |
| Ordinance No. – | | - |

| Effective Jan. 1, 2023 | | | | | |
|-------------------------------|----------------------------|-------------|-----------------|----------------|-----------------|
| Teamsters Local Union- | | | | | |
| 117 | | | | | |
| Grade | Position- Title | Step | Duration | Monthly | Annually |
| C1 | Police Officer | A | 0-12m | \$8,083 | \$96,996 |
| | | B | 13-24m | \$8,301 | \$99,612 |
| | | C | 25-36m | \$8,722 | \$104,664 |
| | | D | 37-48m | \$8,941 | \$107,292 |
| | | E | 49m+ | \$9,360 | \$112,320 |
| C2 | Corporal | A | | \$10,297 | \$123,564 |
| C5 | Sergeant | A | 0-12m | \$11,459 | \$137,508 |
| | | B | 13m+ | \$11,802 | \$141,624 |

January 20274 Salary Adjustment - Effective January 1, 20274, the monthly salaries for employees covered by this Agreement shall be increased by one hundred percent (100%) of the first half annual 20263 Consumer Price Index-W (CPI-W) for Seattle/Tacoma/Bellevue, with a 2% minimum and 5% maximum.

A.1.2 Advancement through the proficiency levels shall be automatic, provided performance of the individual is progressing satisfactorily. Should performance not be progressing satisfactorily the next automatic step may be extended for up to six (6) months, provided the employee has been notified in writing at least thirty (30) days prior to the date the increase would become effective.

A.1.3 All increases in rates of pay shall become effective on the pay anniversary date as defined in the Redmond Personnel Manual.

A.2 **Longevity Premium-Pay** - Employees shall be entitled to receive the following percentage of base salary as premium pay, based upon their years of service as a uniformed officer within the Department:

~~Effective January 1, 2022, longevity pay and education premium shall be adjusted as set forth here:~~

| Completed Years of Service | Longevity Premium |
|--|-----------------------------------|
| 0 | 2022 202 <u>5</u> + |
| 5 <u>Years</u> (Effective the first full month of the 6 th year) | — 2.52.0% |
| 10 <u>years</u> (Effective the first full month of the 11 th year) | 4.53.0% |
| 15 <u>years</u> (Effective the first full month of the 16 th year) | 6.54.0% |
| 20 <u>years</u> (Effective the first full month of the 21 st year) | 8.55.5% |
| 25 <u>years</u> (Effective the first full month of the 26 th year) | 6 10.5% |

*For example, employee hired May 5, 2025: The employee would finish the first five years of service through May 5, 203027, and the longevity premium would be effective June 1, 203027.

A.3 Education Premium - All degrees and credits must be from an accredited institution reasonably acceptable to the City.

| | |
|--|--------------------------|
| <u>AA Degree or 135 Credits from an Accredited Four-Year College or University</u> | <u>Bachelor's Degree</u> |
| <u>2.5%</u> | <u>5%</u> |

~~All degrees and credits must be from an accredited institution reasonably acceptable to the City.~~

Tuition Reimbursement Offset: Employees who receive tuition reimbursement are not eligible to receive the education premium until they have reimbursed the City for the entire tuition reimbursement amount they received.

A.3 A.4 Special Assignments and Collateral Duties

| Specialty Assignment* | Increase | Term Year |
|--|---|--|
| <p>Officers Assigned to Specialty Units (non-patrol units)</p> <p>Specialty assignments to include detectives, traffic, SRO, recruiting, training, engagement, <u>bike team</u>, <u>DFR</u> or others as designated by the Chief of Police.</p> | <p>4% above regular base pay</p> | <p>Up to 5 years, with subsequent two-year extensions.</p> |
| <p>K-9 Officer</p> | <p>To compensate employees assigned as K-9 Officers for the duties related to the care and maintenance of the police dog, K-9 Officers shall:</p> <ul style="list-style-type: none"> a. receive an additional four percent (4%) of their base pay; b. one (1) hour each week at their overtime rate if on a 5/8 schedule and one and one half (1.5) hours each week at their overtime rate if on a 4/10 schedule; and c. one-half (1/2) hour “release time” per regularly scheduled shift for such care and maintenance. | <p>Up to 5 years, with subsequent two-year extensions.</p> |
| <p>Corporal</p> | <p>Pay as provided in pay plan.</p> | <p>Up to 5 years, with subsequent two-year extensions.</p> |

| Collateral Duties* | Increase | Term Year |
|--|--|---|
| SWAT CNT Instructor Disciplines: <ul style="list-style-type: none"> - Firearms - DT - EVOC - Active Shooter - Patrol Tactics - Intervention | 4% above regular base pay. Employees assigned more than one of the collateral duties shall be capped at 6% above regular base pay. | Up to 5 years, with subsequent two-year extensions. |

*The pay for employees working in a specialty assignment and assigned one or more of the listed collateral duties shall be capped at 86% above regular base pay. An employee may hold no more than one specialty assignment.

Corporals and Sergeants: Those employees assigned as Corporal and Sergeant are capped at four percent (4%) not eligible for special assignment or collateral pay. An employee may hold no more than one specialty assignment. Corporals and Sergeants access to specialty pay does not change the Chief's current practice with regards to the ability to assign/reassign collateral duties and specialty assignments

A.4 A.5 Shift Differential — ~~Effective July 19, 2022, a A~~ premium of ~~threeone~~ percent (~~31%~~) will be added to the monthly rate of pay for employees who are assigned to the patrol night shift.

A.5 A.6 Work Out of Classification - A provisionally appointed Sergeant shall receive Step "A" of the Police Sergeant rate of pay retroactive. A Police Officer or Corporal assigned the duties of F.T.O (Field Training Officer) shall receive one-~~halfquarter~~ (~~1/24~~) hour of overtime pay for every two ~~and one-half~~ consecutive hours worked in that capacity during a ten (10) hour shift.

A.6 A.7 Tuition Reimbursement - Employees shall be reimbursed for tuition expense for college courses taken on off-duty time in furtherance of college and post-graduate degrees as provided in the City of Redmond Personnel Manual under Tuition Reimbursement Program, provided that a determination that a degree is not job related shall be subject to the grievance procedure.

A.7 A.8 Retroactive Pay - The parties agree that retroactive compensation for the period before the execution of the collective bargaining agreement will be paid only to individuals who either (a) are on the payroll as of the date of ratification, (b) have retired, or (c) leave employment as a result of disability.

APPENDIX B
OFFICER BILL OF RIGHTS

THIS APPENDIX is supplemental to the AGREEMENT by and between the CITY OF REDMOND, WASHINGTON (hereinafter referred to as the “Employer”), and TEAMSTERS LOCAL UNION 117 (hereinafter referred to as “Union”).

B.1 Because of the ever-increasing responsibilities and duties required of police officers in the performance of their duties which of necessity increase their contact with the general public and could lead to misunderstandings and questions surrounding the activities of members of the Public Department, it is mutually required, therefore, that procedures be established in order to provide for full investigation of any questions arising from contacts and relationships with the public and also to provide for safeguards in order to protect the police officer in these investigations so that the matters can be dealt with in fairness and in an expeditious manner, the following guidelines are set forth:

B.1.1 An employee of the Redmond Police Department shall be entitled to be advised in writing, if the employee so requests, of the particular nature of an internal investigation, and other information which shall reasonably inform the employee of the allegations against him/her, and as to whether the employee is a witness or the focus of the investigation. If the employee is the focus of the investigation, this information shall be provided thirty (30) hours prior to interrogation of the employee and should include names of complaining witnesses (unless the witness is a confidential informant or otherwise requests anonymity). This Section shall not apply to the initial investigation, including the gathering of physical drug testing or breathalyzer evidence, which occurs surrounding the initial call or incident.

B.1.2 Interviews of said Police Department employees shall be at a reasonable hour; preference for such time of interviews shall be when the individual is on duty and/or during the daytime; provided, however, that the gravity and exigencies of the investigation shall in all cases control the time of said interview. If prior to or during the interview it is deemed that the employee may be charged with a criminal offense, the employee shall be immediately informed of their constitutional rights.

B.1.3 Interviews shall be held at the Redmond Police Station or City Hall except when this would be impractical. The employees shall be afforded an opportunity and the necessary facilities to contact an attorney and/or Union representative prior to commencement of the interview. The employee's attorney and/or the Union representative may be present during the interview but said attorney and/or Union representative shall not be permitted to participate in the interview. Nothing herein shall in any way restrict the rights of the attorney and/or the Union representative to consult with the employee during the process of the interview.

B.1.4 The interview shall be conducted in the most expeditious manner consistent with the scope and gravity of the subject matter of the interview and the employee shall at all times be given reasonable periods to attend to personal necessities, such as meals, telephone calls to the employee's private attorney and rest periods.

B.1.5 The employee shall not be subjected to any profane language nor threatened

with dismissal, transfer or other disciplinary punishment as a guise to obtain the resignation of said employee nor shall the employee be subjected to intimidation in any manner during the process of interview. No promises or rewards shall be made to the said employee as an inducement to answer questions.

B.1.6 To the mutual benefit of both parties, the interview will generally be recorded, and a copy will be provided to the Union. Within a reasonable period after the conclusion of the investigation and no later than seventy-two (72) hours (not counting Saturday or Sunday) prior to a pre-disciplinary hearing, the employee shall be advised of the results of the investigation and the recommended disposition (which may be a range of possible dispositions) and shall be provided a copy of the investigatory file (excluding information from and the identity of confidential informants and other witnesses requesting confidentiality upon which the department does not intend to rely).

B.1.7 An employee covered by this Agreement shall not be required to take or be subjected to any lie detector tests or similar tests as a condition of continued employment within the Redmond Police Department.

B.1.8 When an employee, whether on or off duty, uses deadly force which results in the injury or death of a person, the employee shall not be required to make a written or recorded statement for seventy-two (72) hours after the incident except that promptly following the incident the employee shall verbally report to a superior a public safety statement. Nothing in this section is meant to replace the provisions or requirements of I-940.

B.1.9 All complaints are logged, and all case documentation shall remain confidential within the Internal Affairs Unit/Section and to the Chief. Cases shall become part of the Department Administrative file and the conclusion of sustained findings provided to Human Resources for inclusion in the employee's personnel records. Investigative findings will be retained and destroyed in accordance with minimum record retention requirements.

B.1.10 Nothing contained in any of the above provisions shall restrict and/or limit the authority of the Chief of Police in the performance of his duties and responsibilities as the Chief Administrator of the Redmond Police Department.

Drug and Alcohol Policy

B.1.10.1 **Policy** – The City and the Union recognize that drug use by employees would be a threat to the public welfare, the safety of department personnel, and the public confidence in the Redmond Police Department. Use of illegal substances is unacceptable for a member of the Redmond Police Department and worthy of strong administrative action. It is the goal of this policy to address illegal drug usage through education, rehabilitation of the affected personnel, and other appropriate actions based on the totality of circumstances. In addition to the existing Department and City policies, the parties acknowledge that the use of alcoholic beverages or unauthorized drugs shall not be permitted at the City's work sites and/or while an employee is on duty nor shall an employee report for duty under the influence of alcohol or unauthorized drug.

While the City wishes to assist employees with alcohol or chemical dependency problems, safety is the City's first priority. Therefore, employees shall not report for work or continue working if

they are under the influence of, or impaired by, the prohibited substances listed in Sections 5 and 6 of this article or impaired by any other drug or substance of any nature. Employees participating in treatment programs are expected to observe all job performance standards and work rules.

B.1.10.2 Informing Employees About Drug and Alcohol Testing – All employees shall be fully informed of this drug and alcohol testing policy. Employees will be provided with information concerning the impact of the use of alcohol and drugs on performance.

Employees who voluntarily come forward and ask for assistance to deal with a drug or alcohol problem shall not be disciplined by the City solely for coming forward and admitting a problem. The City shall not be prevented from disciplining an employee for other legitimate reasons just because the employee has voluntarily asked for assistance with a drug or alcohol problem.

The City encourages employees to seek treatment for drug and alcohol abuse voluntarily. To encourage employees to do so, the City makes available the Employee Assistance Program (EPA).

Any decision to voluntarily seek help through the Employee Assistance Program, or privately, will not in and of itself interfere with an employee's continued employment or eligibility for promotional opportunities. Information regarding an employee's participation in the Employee Assistance Program will be maintained in confidence.

B.1.10.3 Employee Testing – Unless otherwise required by law, employees shall not be subject to random urine testing, blood testing or other similar or related tests for the purpose of discovering possible drug or alcohol abuse. If the City has reasonable suspicion to believe an employee's work performance is impaired due to drug or alcohol use, the City may require the employee to undergo a drug and/or alcohol test consistent with the conditions set forth in this Appendix.

Reasonable suspicion for the purposes of this article is defined as follows: The City's determination that reasonable suspicion exists shall be based on specific, articulated observations concerning the appearance, behavior, speech or body odors of an employee.

B.1.10.4 Sample Collection and Testing – The collection and testing of urine and blood samples shall be performed at a City's identified drug test provider. In the event that collection and testing at the City's identified drug test provider is not feasible for any reason, the collection and testing shall be at another laboratory or health care professional qualified and authorized to administer and perform drug testing, evaluation and reporting according to the Substance Abuse and Mental Health Services Administration (SAMHSA) or successor agency guidelines. The sample collection and testing shall be performed consistent with SAMSHA guidelines.

Employees have the right, upon making a request promptly after being informed of the request for a sample, to a reasonable opportunity for Union and/or legal representation to be present during the submission of the sample, provided that the Union or legal representative must be available at the testing facility within one-half (1/2) hour of the request. Prior to submitting to a urine or blood sample, the employee will be required to sign a consent and release form as attached to this Appendix. Failure of the employee to sign the consent and release form as attached shall be grounds for discipline.

In the event of a positive test result, a split sample shall be reserved. All samples must be stored in a manner as established by SAMHSA. All positive confirmed samples and related paperwork must be retained for at least six (6) months or for the duration of any grievance, disciplinary action, or legal proceedings, whichever is longer.

B.1.10.5 Drug Testing – The laboratory shall test for the substances and within the limits as provided by the Department of Health and Human Services Substance Abuse and Mental Health Services Administration (“SAMHSA”) Mandatory Guidelines for Federal Workplace Drug Testing Programs (“SAMHSA Standards”).

Drug test results gathered under this Appendix will not be used in a criminal investigation or prosecution.

B.1.10.6 Alcohol Testing – A breathalyzer or similar equipment certified by the state toxicologist shall be used to screen for alcohol use, and if positive, the results shall be confirmed by a blood alcohol test performed by the City’s identified drug test provider or other qualified laboratory. This screening test shall be performed by an individual properly qualified to perform the tests utilizing appropriate equipment. An initial positive alcohol level shall be 0.02 grams per 210 L. of breath. That is, if both breaths register at .02 or above, that constitutes a positive test. If only one breath is at .02 or above and the other is below .02, the test is negative. If initial testing results are negative, testing shall be discontinued, all samples destroyed, and records of the testing expunged from the employee’s files. Only specimens identified as positive on the initial test shall be confirmed by using a blood alcohol level. Sample handling procedures, as detailed in Section 4, shall apply. A positive blood alcohol level shall be 0.02 grams per 100 ml of blood. If confirmatory testing results are negative, all samples shall be destroyed, and records of the testing expunged from the employee’s files.

B.1.10.7 Laboratory Results – The laboratory will initially advise only the employee and any Medical Review Physician as indicated by SAMHSA Standards of any positive results. The results of any positive drug or alcohol test will be released to the City by the City’s identified drug test provider once any Medical Review Physician has finished review and analysis of the laboratory’s test. Unless otherwise required by law, the City will keep the results confidential and shall not release them to the general public. If the employee believes that the conclusions are in error, the employee may obtain an additional examination at the employee's own expense for consideration. Nothing in this Appendix shall prevent the City from using the results or fact of testing as evidence to defend itself, its employees or its position in any grievance, arbitration or legal proceedings.

B.1.10.8 Testing Program Costs – The City shall pay for all costs incurred for the initial drug and alcohol testing required by the City hereunder, as well as the expenses associated with the Medical Review Physician. Travel to and from the laboratory or other collection location, and the time required to take the test shall be considered on duty time, provided that the City shall have the right to adjust the employee’s schedule to avoid an overtime obligation.

B.1.10.9 Duty Assignment After Treatment – If the duty assignment for an employee is modified or changed as a result of a rehabilitation program, then after an employee successfully completes their rehabilitation program, the employee shall be returned to the regular

duty assignment held prior to the rehabilitation program if such an assignment is open. If an employee comes forward and requests assistance with a drug or alcohol problem under Section 2 of this Appendix, once treatment and follow-up care is completed, and one (1) year has passed with no further violations of this Appendix, the employee's personnel and medical files shall be purged of any reference to their drug problem or alcohol problem. All other violations of this Appendix shall remain a part of the employee's permanent personnel file.

B.1.10.10 Right of Appeal – The employee has the right to challenge the drug or alcohol test and any discipline imposed in the same manner that they may grieve any other City action.

B.1.11 Psychological Evaluations

B.1.11.1 Any relevant medical history of the employee which the examining professional conducting a psychological evaluation requests shall be released by the employee only to the examining professional.

B.1.11.2 The examining professional shall issue a written report to the Employer, as the client, provided however, the employee shall have the right to meet with the examining professional to discuss the evaluation results, and provided further that such report shall be released only as provided in the Department's Medical Release.

B.1.11.2.1 If the employee believes that the conclusions of the examining professional are in error, the employee may obtain an additional examination at the employee's own expense and the Employer will provide the examining professional with documents which were utilized by the Employer's examining professional.

B.1.11.2.2 The Employer will undertake to have the Employer's examining professional make themselves available to answer appropriate questions by the examining professional who conducts the independent examination. The Employee shall bear the costs of the Employer's examining professional's time to the extent the time required to answer such questions exceeds one (1) hour.

B.1.11.3 Should an employee grieve a disciplinary or discharge action taken as a result of a psychological examination, the Employer shall allow release of the examination and supporting documents upon which it relies for the action, and all other prior examinations of the employee determined to be relevant by the grievance arbitrator after a confidential review by the arbitrator.

B.1.12 Personnel Records

B.1.12.1 The Employer will notify an employee upon receipt of a public disclosure request for information in the employee's personnel file. The procedure relating to the response to such request shall be as provided in the Personnel Manual.

B.1.13 Personnel File Review

B.1.13.1 Each employee's personnel files shall be open for review by the

employee.

B.1.13.2 **Contents** - A "personnel file" shall be defined as any file pertaining to the bargaining unit member's employment status, work history, training, disciplinary records, or other personnel-related matters pertaining to the bargaining unit member. It is further understood that a personnel file does not include material relating to medical records, pre-appointment interview forms, Internal Affairs files, or applicant background investigation documents such as, but not limited to, psychological evaluations and polygraph results.

Brady/Giglio: The City shall adhere to Federal, State, and local laws associated with Brady/ Giglio.

APPENDIX B-1
CONSENT/RELEASE FORM

I consent to the collection and analysis of a urine and/or blood sample by the City’s identified drug test provider for those drugs, alcohol, and/or controlled substances specified in the Collective Bargaining Agreement pursuant to the Substance Abuse Policy agreed to between the City of Redmond and Teamsters Local Union 117.

If I test positive, I agree to make myself and any requested records available to the City’s identified drug test provider or the Medical Review Physician within 48 hours of such request.

I understand that I have the right to my complete test results. If I test positive, I have the right to have the split sample tested at my expense at a second SAMHSA certified laboratory of my choice. I understand that I must request such test of the split sample within 72 hours of notification of a positive test result.

I understand that the Employer is requiring me to submit to this testing as a condition of my employment and that if I tamper with, alter, substitute, or otherwise obstruct or fail to cooperate with the testing process, I will be subject to disciplinary action up to and including termination.

I further understand that a confirmed positive test will result in actions taken by the employer and for the employee which are consistent with the City’s policies and procedures for substance abuse testing and treatment.

I understand that the employer will administer the Policy consistent with federal and state constitutional and statutory requirements. Also, by signing this consent form, I am not waiving the right to challenge any confirmed positive test result and any Employer action based thereon. In order to pursue any challenge related to this test, I will, however, be required to authorize the laboratory and Medical Review Physician to release to my Employer and Teamsters Local Union 117 any information relating to the test or test results. Further, I understand that my Employer may require me to participate in a treatment or rehabilitation program. If required to do so, I authorize the laboratory and Medical Review Physician to release any information relating to the test or test results to the Substance Abuse Professional (SAP) or treatment counselor. My signature below indicates my consent for release of this information.

Employee Signature

Date

Employee Printed Name

Patient

Date

APPENDIX C Management Rights

The Union recognizes the prerogative of the City to operate and manage its affairs in all respects in accordance with its responsibilities and powers of authority.

The City reserves any and all exclusive rights concerning the management and operation of the Department, except as specifically limited in this Agreement. In exercise of such exclusive management right, it is not intended that any other specific provisions of this Agreement providing a particular benefit or perquisite to the covered employees shall be changed, modified, or otherwise affected without concurrence of the Union.

Specific and Exclusive Management Rights. Subject to provisions of this Agreement, the City reserves the following specific and exclusive management rights:

- a. To recruit, assign, transfer, or promote members to positions within the Department, including the assignment of employees to specific jobs;
- b. To suspend, demote, discharge, or take other disciplinary actions against members for just cause;
- c. To determine the keeping of records;
- d. To establish employment qualifications for new employee applications, to determine the job content and/or job duties of employees and to execute the combination or consolidation of jobs;
- e. To determine the mission, methods, processes, means, policies, and number of personnel necessary for providing service and Department operations, including, but not limited to: determining the increase, diminution, or change of operations in whole or in part, including the introduction of any and all new, improved, automated methods of equipment, and making facility changes;
- f. To control the Department budget, and if deemed appropriate to the City, to implement a reduction in force;
- g. To schedule training, work, and overtime as required in a manner most advantageous to the Department and consistent with requirements of municipal employment and public safety;
- h. To establish reasonable work rules and to modify training;
- i. To approve all employees' vacation and other leaves;
- j. To take whatever actions are necessary in emergencies in order to assure the proper functioning of the Department; and
- k. To manage and operate its departments, except as may be limited by provisions of this agreement.

Incidental Duties not Always Described. It is understood by the Parties that every incidental duty connected

with operations enumerated in job descriptions is not always specifically described.

Except as provided by this Agreement, the City recognizes its obligation to bargain regarding proposed changes in affecting wages, hours and working conditions under RCW 41.56 during the term of this Agreement.

**Teamsters Police Officers Contract–
Change Summary**
Last Revision 10/14/2024

| Article/Section | Agreed Upon Change | Reasoning |
|---|---|--|
| Article 1 Definitions | 1.3 “Employee:” clean up gender language. | Make language gender neutral. |
| Article 4 Hours of Work, Overtime, Callback and Standby | 4.9 On-Call: Guaranteed on-call of 1 hour instead of ½ hour. | 1 hour is standard; administrative ease |
| | 4.11 Daylight Savings Time: Language clarification to follow what the clock says; affects those on night shift. | Changed to paid for entire shift, employee will not have to use 1 hour of leave to be paid for the entire day. |
| Article 5 Seniority | 5.5 Shift Bidding: Allow for members to select their squad after shift bidding is complete | Provides for shift flexibility. |
| Article 8 Leaves | 8.1.1 Vacation leave (subsection): Vacation accruals starting upon hire rather than after six months. | Match the personnel manual |
| | 8.3 Bereavement Leave: Can be used within 6 months, for additional time can now use sick | Religious |
| Article 9 Insurance and Disability Insurance | 9.1 Self-Insurance: Language cleanup and clarification of EBAC participation. | Updated insurance terms |
| | 9.3 [Short Term] Disability Benefits: Language cleanup and follow the Personnel Manual. | Match the personnel manual |
| | 9.5 Health and Dependent Care Flexible Spending Account (FSA): Update title. | Correct FSA reference |
| | 9.7 [new language] Teamsters Retiree’s Welfare Trust: Add to CBA from MOU, XL level, and city pay full premium. added to CBA. \$175 per month into RWT-XL Plan. | City pay premium in lieu of car allowance/take home car |
| Article 11 Miscellaneous | 11.1.4 Training (Subsection): Relieve from work for extra hours. Changed from 9 hours to 10 hours. When employee attends training, must be relieved from working either 10 hours before or after the conclusion of training with no loss of pay | Retention |
| | 11.3. Compensatory Time: Eliminate confusing language about allowing additional compensatory time above 102 hours. | Language clarification |
| Article 12 Physical Fitness Plan | 12.3.1 Conduct of Examinations: Minimum of six months between successful tests. | Timing parameters for exam testing |
| | 12.5 Training for the Plan: Time taken at supervisor approval. | Confirms current practice |

**Teamsters Police Officers Contract–
Change Summary**
Last Revision 10/14/2024

| Article/Section | Agreed Upon Change | Reasoning |
|-----------------------------------|---|----------------------------|
| Article 16 Duration and Reopeners | 16.1 Duration: 3 year CBA from 2025-2027 | Duration |
| Appendix A Pay Plan “P” | A.1 2025-2026 Salary: Salary adjustments. 2025 = 6% flat rate 2026 and 2027 = CPI-W First Half with a 2% minimum and 5% maximum | COLA |
| | A.2 Premium Pay: Longevity increased, and years of service maintained. 5 years = 2.5%, 10 years = 4.5%, 15 years = 6.5%, 20 years = 8.5% and 25 years = 10.5% | Retention |
| | A.3 Education Premium: Creating a separate section for Education Premium, but no change in the premium. | New section |
| | A.4 Special Assignments and Collateral Duties: Add new specialties, increase cap from 6% to 8%. Make available to Corporals, and Sergeants with 4% cap. | Retention |
| | A.5 Shift Differential: Increase night shift differential from 1% to 3%. | Retention |
| | A.6 Work out of Classification: FTO shall receive a ½ hour of overtime instead of a ¼ hour, for every two and one half hours worked. | Administrative improvement |

**CITY OF REDMOND
ORDINANCE NO. XXXX**

AN ORDINANCE OF THE CITY OF REDMOND,
WASHINGTON, AMENDING THE 2025 "P" PAY PLAN FOR
EMPLOYEES COVERED BY THE TEAMSTERS LOCAL UNION
NO. 117 REPRESENTING LAW ENFORCEMENT OFFICERS

WHEREAS, the City of Redmond completed labor contract negotiations with the Teamsters Local Union No. 117, representing Law Enforcement Officers; and

WHEREAS, Pay Plan P was established and put into effect the negotiated salary ranges agreed to through the collective bargaining process and adopted; and

WHEREAS, the salary ranges will now be adjusted in accordance with the negotiated agreement with the Teamsters local Union No.117 bargaining unit, representing Law Enforcement Officers.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Pay Plan Adopted. Effective January 1, 2025, Pay Plan P covering all employees in the Teamsters bargaining unit, representing law enforcement officers, is hereby amended and the salary ranges increased 6 percent above the salary ranges in effect on December 31, 2024, as adopted by Ordinance No. 3088. In conjunction with the adjustment of the salary ranges, the salaries for all employees covered by Pay Plan P will be increased by the

same percentages. The amended pay plan is attached as Exhibit 1 and incorporated herein as if set forth in full.

Effective January 1, 2026, Pay Plan P covering all employees in the Law Enforcement Officers bargaining unit is hereby amended and the salary ranges adjusted by one hundred percent (100%) of the first half annual 2025 Consumer Price Index-W (CPI-W) for Seattle/Tacoma/Bellevue, with a 2% minimum and 5% maximum, above the ranges in effect on December 31, 2025. In conjunction with the adjustment of the salary ranges, the salaries for all employees covered by Pay Plan P will be increased across the board by one hundred percent (100%) of the first half annual 2025 Consumer Price Index-W (CPI-W) for Seattle/Tacoma/Bellevue, with a 2% minimum and 5% maximum, above the ranges in effect on December 31, 2025.

Effective January 1, 2027, Pay Plan P covering all employees in the Law Enforcement Officers bargaining unit is hereby amended and the salary ranges adjusted by one hundred percent (100%) of the first half annual 2026 Consumer Price Index-W (CPI-W) for Seattle/Tacoma/Bellevue, with a 2% minimum and 5% maximum, above the ranges in effect on December 31, 2026. In conjunction with the adjustment of the salary ranges, the salaries for all employees covered by Pay Plan P will be increased across the board by one hundred percent (100%) of the first half annual 2026 Consumer Price Index-W (CPI-W) for Seattle/Tacoma/Bellevue, with a 2% minimum and 5% maximum, above the ranges in effect on December 31, 2026.

Section 2. Severability. If any section, sentence, clause or phrase of this ordinance should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any other section, sentence, clause or phrase of this ordinance.

Section 3. Effective Date. This ordinance shall take effect five days after its publication, or publication of a summary thereof, in the City's official newspaper, or as otherwise provided by law.

ADOPTED by the Redmond City Council this ____ day of _____, 2024.

CITY OF REDMOND

MAYOR ANGELA BIRNEY

ATTEST/AUTHENTICATED:

CHERYL XANTHOS, MMC, CITY CLERK

(SEAL)

APPROVED AS TO FORM
OFFICE OF THE CITY ATTORNEY:

By: _____

FILED WITH THE CITY CLERK:
PASSED BY THE CITY COUNCIL:

SIGNED BY THE MAYOR:
PUBLISHED:
EFFECTIVE DATE:
ORDINANCE NO.: _____



2025 PAY PLAN "P" - POLICE OFFICER, CORPORAL, AND SERGEANT

Ordinance No.
Effective Jan. 1, 2025
Teamsters Local Union No. 117

| Grade | FLSA | Position Title | Step | Duration | Monthly | Annually |
|-------|------|----------------|------|----------|----------|-----------|
| C1 | NE | Police Officer | A | 0-12m | \$8,996 | \$107,952 |
| | | | B | 13-24m | \$9,239 | \$110,868 |
| | | | C | 25-36m | \$9,707 | \$116,484 |
| | | | D | 37-48m | \$9,951 | \$119,412 |
| | | | E | 49m+ | \$10,418 | \$125,016 |
| C2 | NE | Corporal | A | | \$11,461 | \$137,532 |
| C5 | NE | Sergeant | A | 0-12m | \$12,754 | \$153,048 |
| | | | B | 13+ | \$13,136 | \$157,632 |



Memorandum

Date: 11/4/2024
Meeting of: City Council Special Meeting

File No. AM No. 24-164
Type: Consent Item

TO: Members of the City Council
FROM: Mayor Angela Birney
DEPARTMENT DIRECTOR CONTACT(S):

| | | |
|--------------|------------|--------------|
| Public Works | Aaron Bert | 425-556-2786 |
|--------------|------------|--------------|

DEPARTMENT STAFF:

| | | |
|--------------|------------------|-----------------------------------|
| Public Works | Amy Kim | Engineer |
| Public Works | Eric Dawson | Engineering Supervisor |
| Parks | Quinn Kuhnhausen | Parks Manager |
| Public Works | Steven Gibbs | Capital Projects Division Manager |
| Public Works | Vangie Garcia | Deputy Public Works Director |

TITLE:

Approval of a Consultant Agreement with Wagner Architects & Planners, in the Amount of \$224,988, for the Americans with Disabilities Act (ADA) Improvements Facilities Project 1

OVERVIEW STATEMENT:

This consultant agreement with Wagner Architects & Planners in the amount of \$224,988 is for design for the ADA Improvements Facilities Project 1, Project No. 2402. Approving this action will help the City address deficiencies and ensure ADA compliance at its facilities, as outlined in the 2021 ADA Title II Transition Plan - Parks Facilities.

This initial agreement includes the cost of the design phase. Future supplemental agreements will be for the construction phase and may include construction administration services. The ADA Transition Plan - Park Facilities identified 1,250 barriers across 23 facilities and established priorities for their removal. While it serves as a high-level roadmap, it does not provide specific design solutions or detailed cost estimates for overcoming these barriers.

The first phase will target a select group of prioritized buildings and barriers to develop actionable solutions and more precise cost estimates. This will ensure that City programs and services are accessible to all citizens, regardless of their abilities.

The total funding for this Capital Improvement Program (CIP) is \$1.5 million, with \$300,000 allocated annually over five years. This is a long-term program rather than a one-time project. In this first year/phase, the project team will focus on designing solutions for key priority buildings and barriers, allowing for more accurate cost estimates. In subsequent years, the team will implement these designs through construction.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

- Receive Information Provide Direction Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Community Strategic Plan, 2021 ADA Title II Transition Plan - Parks Facilities
- **Required:**
Council approval is required to award an architectural and engineering services agreement that exceeds \$50,000 (2018 City Resolution 1503)
- **Council Request:**
N/A
- **Other Key Facts:**
N/A

OUTCOMES:

The outcome of this first phase is to develop actionable solutions and updated cost estimates to ensure that City programs and services are accessible to people of all abilities at Park Facilities.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
The City adopted the Parks Facilities Transition Plan (ADA Title II Transition Plan) in 2021 which incorporated community feedback to prioritize ADA accessibility improvements to city facilities.
Future outreach will involve notifying affected customers of disruptions to City ADA facilities during construction and celebrating improved ADA facilities after construction is complete.
- **Outreach Methods and Results:**
Construction disruptions will be shared in email newsletters to staff and the community and signage will be used to notify visitors of alternate options.
- **Feedback Summary:**
During the development of the 2021 ADA plan, stakeholders shared that meeting rooms, building entrances, and restrooms were the most important features and to prioritize them for parks, city hall, and Redmond pool, along with other facilities.

BUDGET IMPACT:

Total Cost:
\$224,988

Approved in current biennial budget: Yes No N/A

Budget Offer Number:
CIP

Budget Priority:

Vibrant and Connected

Other budget impacts or additional costs: Yes No N/A

If yes, explain:

N/A

Funding source(s):

General Fund

Budget/Funding Constraints:

N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

| Date | Meeting | Requested Action |
|------------|---|-------------------|
| 10/22/2024 | Committee of the Whole - Parks and Environmental Sustainability | Provide Direction |

Proposed Upcoming Contact(s)

| Date | Meeting | Requested Action |
|------|----------------------------|------------------|
| N/A | None proposed at this time | N/A |

Time Constraints:

N/A

ANTICIPATED RESULT IF NOT APPROVED:

Delays in making ADA improvements in buildings can create ongoing challenges that prevent individuals with disabilities from accessing public services and facilities, thereby limiting their participation in community life. This also contradicts the City's commitment to inclusion. Taking timely action on these improvements demonstrates the City's dedication to equity and responsibility, helping to build trust and showing that all citizens are valued. Additionally, addressing ADA deficiencies early can often be more cost-effective.

ATTACHMENTS:

- Attachment A - Project Information Sheet
- Attachment B - Consultant Agreement
- Attachment C - ADA Title II Transition Plan - Parks Facilities

CIP Project Information Sheet

Project Name: Americans with Disabilities Act (ADA) Improvements - Facilities Projects 1-3

Project Status: Existing

Functional Area(s): Facilities

Relevant Plan(s): ADA Transition Plan, Facilities Plan

Neighborhood: Citywide - Multiple

Time Frame: 2024-2028

Budget Priority: Vibrant and Connected

Citywide Rank: 27

Functional Area Priority: High

Location: All occupied municipal buildings

Description:

Annual improvements and modifications needed to address access barriers and ensure City facilities comply with all ADA and accessibility codes.

Anticipated Outcomes: **Primary:** Code Requirement **Secondary:** Improved access to City facilities creating welcoming environment with equitable access.

Request: **Primary Reason(s):** Budget Process
 Project approved in the 2023-2028 CIP budget process.

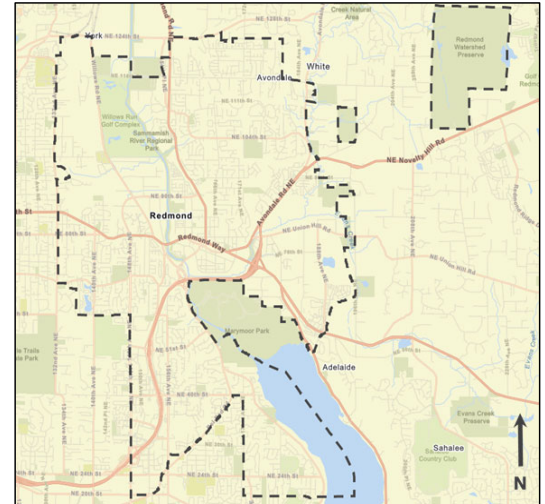
| Budget: | Prior | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Future | Total |
|--------------------------------|------------------|------------------|---------------------|------------------|-------------------|------------------|------------------|--------|--------------------|
| Original Budget | | \$300,000 | \$300,000 | \$300,000 | \$300,000 | | | | \$1,200,000 |
| Approved Changes | | | | | | | | | |
| Current Approved Budget | | \$300,000 | \$300,000 | \$300,000 | \$300,000 | | | | \$1,200,000 |
| Proposed New Budget | | \$150,000 | \$450,000 | \$150,000 | \$450,000 | \$150,000 | \$450,000 | | \$1,800,000 |
| Proposed changes due to | ___ Scope Change | | ___ Schedule Change | | ___ Budget Change | | | | |

| Project Phasing: | Prior | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Future | Total |
|----------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------------------|
| Preliminary Design (0-30%) | | | | | | | | | |
| Right of Way | | | | | | | | | |
| Design (31-100%) | | | | | | | | | |
| Construction | | \$150,000 | \$450,000 | \$150,000 | \$450,000 | \$150,000 | \$450,000 | | \$1,800,000 |
| Contingency | | | | | | | | | |
| Total | | \$150,000 | \$450,000 | \$150,000 | \$450,000 | \$150,000 | \$450,000 | | \$1,800,000 |

| Estimated M&O Impacts: | Prior | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Future | Total |
|------------------------|-------|------|------|------|------|------|------|--------|-------|
| Cost | | | | | | | | | |

Explanation: No M&O costs expected.

| Proposed Funding Sources: | Prior | 2025-2030 | Future | Total |
|---------------------------|-------|--------------------|--------|--------------------|
| General Fund | | \$1,800,000 | | \$1,800,000 |
| Total | | \$1,800,000 | | \$1,800,000 |



Local Agency A&E Professional Services Negotiated Hourly Rate Consultant Agreement

Agreement Number: _____

| | | |
|--|--|-------------------------|
| Firm/Organization Legal Name (do not use dba's): | | |
| Address | Federal Aid Number | |
| UBI Number | Federal TIN | |
| Execution Date | Completion Date | |
| 1099 Form Required <input type="checkbox"/> Yes <input type="checkbox"/> No | Federal Participation <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Project Title | | |
| Description of Work | | |
| <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes | <input type="checkbox"/> No DBE Participation <input type="checkbox"/> No MBE Participation <input type="checkbox"/> No WBE Participation <input type="checkbox"/> No SBE Participation | Maximum Amount Payable: |

Index of Exhibits

- Exhibit A Scope of Work
- Exhibit B DBE Participation
- Exhibit C Preparation and Delivery of Electronic Engineering and Other Data
- Exhibit D Prime Consultant Cost Computations
- Exhibit E Sub-consultant Cost Computations
- Exhibit F Title VI Assurances
- Exhibit G Certification Documents
- ~~Exhibit H Liability Insurance Increase~~ **Not Used**
- Exhibit I Alleged Consultant Design Error Procedures
- Exhibit J Consultant Claim Procedures

THIS AGREEMENT, made and entered into as shown in the “Execution Date” box on page one (1) of this AGREEMENT, between the _____, hereinafter called the “AGENCY,” and the “Firm / Organization Name” referenced on page one (1) of this AGREEMENT, hereinafter called the “CONSULTANT.”

WHEREAS, the AGENCY desires to accomplish the work referenced in “Description of Work” on page one (1) of this AGREEMENT and hereafter called the “SERVICES;” and does not have sufficient staff to meet the required commitment and therefore deems it advisable and desirable to engage the assistance of a CONSULTANT to provide the necessary SERVICES; and

WHEREAS, the CONSULTANT represents that they comply with the Washington State Statutes relating to professional registration, if applicable, and has signified a willingness to furnish consulting services to the AGENCY.

NOW, THEREFORE, in consideration of the terms, conditions, covenants, and performance contained herein, or attached and incorporated and made a part hereof, the parties hereto agree as follows:

I. General Description of Work

The work under this AGREEMENT shall consist of the above-described SERVICES as herein defined, and necessary to accomplish the completed work for this project. The CONSULTANT shall furnish all services, labor, and related equipment and, if applicable, sub-consultants and subcontractors necessary to conduct and complete the SERVICES as designated elsewhere in this AGREEMENT.

II. General Scope of Work

The Scope of Work and projected level of effort required for these SERVICES is described in Exhibit “A” attached hereto and by this reference made a part of this AGREEMENT. The General Scope of Work was developed utilizing performance based contracting methodologies.

III. General Requirements

All aspects of coordination of the work of this AGREEMENT with outside agencies, groups, or individuals shall receive advance approval by the AGENCY. Necessary contacts and meetings with agencies, groups, and/or individuals shall be coordinated through the AGENCY. The CONSULTANT shall attend coordination, progress, and presentation meetings with the AGENCY and/or such State, Federal, Community, City, or County officials, groups or individuals as may be requested by the AGENCY. The AGENCY will provide the CONSULTANT sufficient notice prior to meetings requiring CONSULTANT participation. The minimum required hours or days’ notice shall be agreed to between the AGENCY and the CONSULTANT and shown in Exhibit “A.”

The CONSULTANT shall prepare a monthly progress report, in a form approved by the AGENCY, which will outline in written and graphical form the various phases and the order of performance of the SERVICES in sufficient detail so that the progress of the SERVICES can easily be evaluated.

The CONSULTANT, any sub-consultants, and the AGENCY shall comply with all Federal, State, and local laws, rules, codes, regulations, and all AGENCY policies and directives, applicable to the work to be performed under this AGREEMENT. This AGREEMENT shall be interpreted and construed in accordance with the laws of the State of Washington.

Participation for Disadvantaged Business Enterprises (DBE) or Small Business Enterprises (SBE), if required, per 49 CFR Part 26, shall be shown on the heading of this AGREEMENT. If DBE firms are utilized at the commencement of this AGREEMENT, the amounts authorized to each firm and their certification number will be shown on Exhibit "B" attached hereto and by this reference made part of this AGREEMENT. If the Prime CONSULTANT is, a DBE certified firm they must comply with the Commercial Useful Function (CUF) regulation outlined in the AGENCY's "DBE Program Participation Plan" and perform a minimum of 30% of the total amount of this AGREEMENT. It is recommended, but not required, that non-DBE Prime CONSULTANTS perform a minimum of 30% of the total amount of this AGREEMENT.

In the absence of a mandatory DBE goal, a voluntary SBE goal amount of ten percent of the Consultant Agreement is established. The Consultant shall develop a SBE Participation Plan prior to commencing work. Although the goal is voluntary, the outreach efforts to provide SBE maximum practicable opportunities are not.

The CONSULTANT, on a monthly basis, shall enter the amounts paid to all firms (including Prime) involved with this AGREEMENT into the wsdot.diversitycompliance.com program. Payment information shall identify any DBE Participation.

All Reports, PS&E materials, and other data furnished to the CONSULTANT by the AGENCY shall be returned. All electronic files, prepared by the CONSULTANT, must meet the requirements as outlined in Exhibit "C – Preparation and Delivery of Electronic Engineering and other Data."

All designs, drawings, specifications, documents, and other work products, including all electronic files, prepared by the CONSULTANT prior to completion or termination of this AGREEMENT are instruments of service for these SERVICES, and are the property of the AGENCY. Reuse by the AGENCY or by others, acting through or on behalf of the AGENCY of any such instruments of service, not occurring, as a part of this SERVICE, shall be without liability or legal exposure to the CONSULTANT.

Any and all notices or requests required under this AGREEMENT shall be made in writing and sent to the other party by (i) certified mail, return receipt requested, or (ii) by email or facsimile, to the address set forth below:

If to AGENCY:

Name:
Agency:
Address:
City: State: Zip:
Email:
Phone:
Facsimile:

If to CONSULTANT:

Name:
Agency:
Address:
City: State: Zip:
Email:
Phone:
Facsimile:

IV. Time for Beginning and Completion

The CONSULTANT shall not begin any work under the terms of this AGREEMENT until authorized in writing by the AGENCY. All work under this AGREEMENT shall conform to the criteria agreed upon detailed in the AGREEMENT documents. These SERVICES must be completed by the date shown in the heading of this AGREEMENT titled "Completion Date."

The established completion time shall not be extended because of any delays attributable to the CONSULTANT, but may be extended by the AGENCY in the event of a delay attributable to the AGENCY, or because of unavoidable delays caused by an act of GOD, governmental actions, or other conditions beyond the control of the CONSULTANT. A prior supplemental AGREEMENT issued by the AGENCY is required to extend the established completion time.

V. Payment Provisions

The CONSULTANT shall be paid by the AGENCY for completed SERVICES rendered under this AGREEMENT as provided hereinafter. Such payment shall be full compensation for SERVICES performed or SERVICES rendered and for all labor, materials, supplies, equipment, and incidentals necessary to complete SERVICES. The CONSULTANT shall conform to all applicable portions of 48 CFR Part 31 (www.ecfr.gov).

- A. Hourly Rates: Hourly rates are comprised of the following elements - Direct (Raw) Labor, Indirect Cost Rate, and Fee (Profit). The CONSULTANT shall be paid by the AGENCY for work done, based upon the negotiated hourly rates shown in Exhibits “D” and “E” attached hereto and by reference made part of this AGREEMENT. These negotiated hourly rates will be accepted based on a review of the CONSULTANT’s direct labor rates and indirect cost rate computations and agreed upon fee. The accepted negotiated rates shall be memorialized in a final written acknowledgment between the parties. Such final written acknowledgment shall be incorporated into, and become a part of, this AGREEMENT. The initially accepted negotiated rates shall be applicable from the approval date, as memorialized in a final written acknowledgment, to 180 days following the CONSULTANT’s fiscal year end (FYE) date.

The direct (raw) labor rates and classifications, as shown on Exhibits “D” and “E” shall be subject to renegotiations for each subsequent twelve (12) month period (180 days following FYE date to 180 days following FYE date) upon written request of the CONSULTANT or the AGENCY. The written request must be made to the other party within ninety (90) days following the CONSULTANT’s FYE date. If no such written request is made, the current direct (raw) labor rates and classifications as shown on Exhibits “D” and “E” will remain in effect for the twelve (12) month period.

Conversely, if a timely request is made in the manner set forth above, the parties will commence negotiations to determine the new direct (raw) labor rates and classifications that will be applicable for the twelve (12) month period. Any agreed to renegotiated rates shall be memorialized in a final written acknowledgment between the parties. Such final written acknowledgment shall be incorporated into, and become a part of, this AGREEMENT. If requested, the CONSULTANT shall provide current payroll register and classifications to aid in negotiations. If the parties cannot reach an agreement on the direct (raw) labor rates and classifications, the AGENCY shall perform an audit of the CONSULTANT’s books and records to determine the CONSULTANT’s actual costs. The audit findings will establish the direct (raw) labor rates and classifications that will be applicable for the twelve (12) month period.

The fee as identified in Exhibits “D” and “E” shall represent a value to be applied throughout the life of the AGREEMENT.

The CONSULTANT shall submit annually to the AGENCY an updated indirect cost rate within 180 days of the close of its fiscal year. An approved updated indirect cost rate shall be included in the current fiscal year rate under this AGREEMENT, even if/when other components of the hourly rate are not renegotiated. These rates will be applicable for the twelve (12) month period. At the AGENCY’s option, a provisional and/or conditional indirect cost rate may be negotiated. This provisional or conditional indirect rate shall remain in effect until the updated indirect cost rate is completed and approved. Indirect cost rate costs incurred during the provisional or conditional period will not be adjusted. The CONSULTANT may request an extension of the last approved indirect cost rate for the twelve (12) month period. These requests for provisional indirect cost rate and/or extension will be considered on a case-by-case basis, and if granted, will be memorialized in a final written acknowledgment.

The CONSULTANT shall maintain and have accessible support data for verification of the components of the hourly rates, i.e., direct (raw) labor, indirect cost rate, and fee (profit) percentage. The CONSULTANT shall bill each employee’s actual classification, and actual salary plus indirect cost rate plus fee.

- A. Direct Non-Salary Costs: Direct Non-Salary Costs will be reimbursed at the actual cost to the CONSULTANT. These charges may include, but are not limited to, the following items: travel, printing, long distance telephone, supplies, computer charges, and fees of sub-consultants. Air or train travel will be reimbursed only to lowest price available, unless otherwise approved by the AGENCY. The CONSULTANT shall comply with the rules and regulations regarding travel costs (excluding air, train, and rental car costs) in accordance with the WSDOT's Accounting Manual M 13-82, Chapter 10 – Travel Rules and Procedures, and all revisions thereto. Air, train, and rental card costs shall be reimbursed in accordance with 48 Code of Federal Regulations (CFR) Part 31.205-46 "Travel Costs." The billing for Direct Non-salary Costs shall include an itemized listing of the charges directly identifiable with these SERVICES. The CONSULTANT shall maintain the original supporting documents in their office. Copies of the original supporting documents shall be supplied to the STATE upon request. All above charges must be necessary for the SERVICES provided under this AGREEMENT.
- B. Maximum Amount Payable: The Maximum Amount Payable by the AGENCY to the CONSULTANT under this AGREEMENT shall not exceed the amount shown in the heading of this AGREEMENT on page one (1.) The Maximum Amount Payable does not include payment for extra work as stipulated in section XIII, "Extra Work." No minimum amount payable is guaranteed under this AGREEMENT.
- C. Monthly Progress Payments: Progress payments may be claimed on a monthly basis for all costs authorized in A and B above. Detailed statements shall support the monthly billings for hours expended at the rates established in Exhibit "D," including names and classifications of all employees, and billings for all direct non-salary expenses. To provide a means of verifying the billed salary costs for the CONSULTANT's employees, the AGENCY may conduct employee interviews. These interviews may consist of recording the names, titles, salary rates, and present duties of those employees performing work on the SERVICES at the time of the interview.
- D. Final Payment: Final Payment of any balance due the CONSULTANT of the gross amount earned will be made promptly upon its verification by the AGENCY after the completion of the SERVICES under this AGREEMENT, contingent upon receipt of all PS&E, plans, maps, notes, reports, electronic data, and other related documents, which are required to be furnished under this AGREEMENT. Acceptance of such Final Payment by the CONSULTANT shall constitute a release of all claims for payment, which the CONSULTANT may have against the AGENCY unless such claims are specifically reserved in writing and transmitted to the AGENCY by the CONSULTANT prior to its acceptance. Said Final Payment shall not, however, be a bar to any claims that the AGENCY may have against the CONSULTANT or to any remedies the AGENCY may pursue with respect to such claims.

The payment of any billing will not constitute agreement as to the appropriateness of any item and at the time of final audit all required adjustments will be made and reflected in a final payment. In the event that such final audit reveals an overpayment to the CONSULTANT, the CONSULTANT will refund such overpayment to the AGENCY within thirty (30) calendar days of notice of the overpayment. Such refund shall not constitute a waiver by the CONSULTANT for any claims relating to the validity of a finding by the AGENCY of overpayment. Per WSDOT's "Audit Guide for Consultants," Chapter 23 "Resolution Procedures," the CONSULTANT has twenty (20) working days after receipt of the final Post Audit to begin the appeal process to the AGENCY for audit findings

E. Inspection of Cost Records: The CONSULTANT and their sub-consultants shall keep available for inspection by representatives of the AGENCY and the United States, for a period of six (6) years after receipt of final payment, the cost records and accounts pertaining to this AGREEMENT and all items related to or bearing upon these records with the following exception: if any litigation, claim or audit arising out of, in connection with, or related to this AGREEMENT is initiated before the expiration of the six (6) year period, the cost records and accounts shall be retained until such litigation, claim, or audit involving the records is completed. An interim or post audit may be performed on this AGREEMENT. The audit, if any, will be performed by the State Auditor, WSDOT's Internal Audit Office and /or at the request of the AGENCY's Project Manager.

VI. Sub-Contracting

The AGENCY permits subcontracts for those items of SERVICES as shown in Exhibit "A" attached hereto and by this reference made part of this AGREEMENT.

The CONSULTANT shall not subcontract for the performance of any SERVICE under this AGREEMENT without prior written permission of the AGENCY. No permission for subcontracting shall create, between the AGENCY and sub-consultant, any contract or any other relationship.

Compensation for this sub-consultant SERVICES shall be based on the cost factors shown on Exhibit "E" attached hereto and by this reference made part of this AGREEMENT.

The SERVICES of the sub-consultant shall not exceed its maximum amount payable identified in each sub consultant cost estimate unless a prior written approval has been issued by the AGENCY.

All reimbursable direct labor, indirect cost rate, direct non-salary costs and fee costs for the sub-consultant shall be negotiated and substantiated in accordance with section V "Payment Provisions" herein and shall be memorialized in a final written acknowledgment between the parties

All subcontracts shall contain all applicable provisions of this AGREEMENT, and the CONSULTANT shall require each sub-consultant or subcontractor, of any tier, to abide by the terms and conditions of this AGREEMENT. With respect to sub-consultant payment, the CONSULTANT shall comply with all applicable sections of the STATE's Prompt Payment laws as set forth in RCW 39.04.250 and RCW 39.76.011.

The CONSULTANT, sub-recipient, or sub-consultant shall not discriminate on the basis of race, color, national origin, or sex in the performance of this AGREEMENT. The CONSULTANT shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the CONSULTANT to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination of this AGREEMENT or such other remedy as the recipient deems appropriate.

VII. Employment and Organizational Conflict of Interest

The CONSULTANT warrants that they have not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT, to solicit or secure this contract, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of this agreement. For breach or violation of this warrant, the AGENCY shall have the right to annul this AGREEMENT without liability or, in its discretion, to deduct from this AGREEMENT price or consideration or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

Any and all employees of the CONSULTANT or other persons while engaged in the performance of any work or services required of the CONSULTANT under this AGREEMENT, shall be considered employees of the CONSULTANT only and not of the AGENCY, and any and all claims that may arise under any Workmen's Compensation Act on behalf of said employees or other persons while so engaged, and any and all claims made by a third party as a consequence of any act or omission on the part of the CONSULTANT's employees or other persons while so engaged on any of the work or services provided to be rendered herein, shall be the sole obligation and responsibility of the CONSULTANT.

The CONSULTANT shall not engage, on a full- or part-time basis, or other basis, during the period of this AGREEMENT, any professional or technical personnel who are, or have been, at any time during the period of this AGREEMENT, in the employ of the United States Department of Transportation or the AGENCY, except regularly retired employees, without written consent of the public employer of such person if he/she will be working on this AGREEMENT for the CONSULTANT.

Agreement Number:

VIII. Nondiscrimination

During the performance of this AGREEMENT, the CONSULTANT, for itself, its assignees, sub-consultants, subcontractors and successors in interest, agrees to comply with the following laws and regulations:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. Chapter 21 Subchapter V § 2000d through 2000d-4a)
- Federal-aid Highway Act of 1973 (23 U.S.C. Chapter 3 § 324)
- Rehabilitation Act of 1973 (29 U.S.C. Chapter 16 Subchapter V § 794)
- Age Discrimination Act of 1975 (42 U.S.C. Chapter 76 § 6101 *et. seq.*)
- Civil Rights Restoration Act of 1987 (Public Law 100-259)
- American with Disabilities Act of 1990 (42 U.S.C. Chapter 126 § 12101 *et. seq.*)
- 23 CFR Part 200
- 49 CFR Part 21
- 49 CFR Part 26
- RCW 49.60.180

In relation to Title VI of the Civil Rights Act of 1964, the CONSULTANT is bound by the provisions of Exhibit “F” attached hereto and by this reference made part of this AGREEMENT, and shall include the attached Exhibit “F” in every sub-contract, including procurement of materials and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto.

IX. Termination of Agreement

The right is reserved by the AGENCY to terminate this AGREEMENT at any time with or without cause upon ten (10) days written notice to the CONSULTANT.

In the event this AGREEMENT is terminated by the AGENCY, other than for default on the part of the CONSULTANT, a final payment shall be made to the CONSULTANT for actual hours charged at the time of termination of this AGREEMENT, plus any direct non-salary costs incurred up to the time of termination of this AGREEMENT.

No payment shall be made for any SERVICES completed after ten (10) days following receipt by the CONSULTANT of the notice to terminate. If the accumulated payment made to the CONSULTANT prior to Notice of Termination exceeds the total amount that would be due when computed as set forth in paragraph two (2) of this section, then no final payment shall be due and the CONSULTANT shall immediately reimburse the AGENCY for any excess paid.

If the services of the CONSULTANT are terminated by the AGENCY for default on the part of the CONSULTANT, the above formula for payment shall not apply.

In the event of a termination for default, the amount to be paid to the CONSULTANT shall be determined by the AGENCY with consideration given to the actual costs incurred by the CONSULTANT in performing SERVICES to the date of termination, the amount of SERVICES originally required which was satisfactorily completed to date of termination, whether that SERVICE is in a form or a type which is usable to the AGENCY at the time of termination, the cost to the AGENCY of employing another firm to complete the SERVICES required and the time which may be required to do so, and other factors which affect the value to the AGENCY of the SERVICES performed at the time of termination. Under no circumstances shall payment made under this subsection exceed the amount, which would have been made using the formula set forth in paragraph two (2) of this section.

If it is determined for any reason, that the CONSULTANT was not in default or that the CONSULTANT’s failure to perform is without the CONSULTANT’s or its employee’s fault or negligence, the termination shall be deemed to be a termination for the convenience of the AGENCY. In such an event, the CONSULTANT would be reimbursed for actual costs in accordance with the termination for other than default clauses listed previously.

The CONSULTANT shall, within 15 days, notify the AGENCY in writing, in the event of the death of any member, partner, or officer of the CONSULTANT or the death or change of any of the CONSULTANT's supervisory and/or other key personnel assigned to the project or disaffiliation of any principally involved CONSULTANT employee.

The CONSULTANT shall also notify the AGENCY, in writing, in the event of the sale or transfer of 50% or more of the beneficial ownership of the CONSULTANT within 15 days of such sale or transfer occurring. The CONSULTANT shall continue to be obligated to complete the SERVICES under the terms of this AGREEMENT unless the AGENCY chooses to terminate this AGREEMENT for convenience or chooses to renegotiate any term(s) of this AGREEMENT. If termination for convenience occurs, final payment will be made to the CONSULTANT as set forth in the second and third paragraphs of this section.

Payment for any part of the SERVICES by the AGENCY shall not constitute a waiver by the AGENCY of any remedies of any type it may have against the CONSULTANT for any breach of this AGREEMENT by the CONSULTANT, or for failure of the CONSULTANT to perform SERVICES required of it by the AGENCY.

Forbearance of any rights under the AGREEMENT will not constitute waiver of entitlement to exercise those rights with respect to any future act or omission by the CONSULTANT.

X. Changes of Work

The CONSULTANT shall make such changes and revisions in the completed work of this AGREEMENT as necessary to correct errors appearing therein, without additional compensation thereof. Should the AGENCY find it desirable for its own purposes to have previously satisfactorily completed SERVICES or parts thereof changed or revised, the CONSULTANT shall make such revisions as directed by the AGENCY. This work shall be considered as Extra Work and will be paid for as herein provided under section XIII "Extra Work."

XI. Disputes

Any disputed issue not resolved pursuant to the terms of this AGREEMENT shall be submitted in writing within 10 days to the Director of Public Works or AGENCY Engineer, whose decision in the matter shall be final and binding on the parties of this AGREEMENT; provided however, that if an action is brought challenging the Director of Public Works or AGENCY Engineer's decision, that decision shall be subject to judicial review. If the parties to this AGREEMENT mutually agree, disputes concerning alleged design errors will be conducted under the procedures found in Exhibit "J". In the event that either party deem it necessary to institute legal action or proceeding to enforce any right or obligation under this AGREEMENT, this action shall be initiated in the Superior Court of the State of Washington, situated in the county in which the AGENCY is located. The parties hereto agree that all questions shall be resolved by application of Washington law and that the parties have the right of appeal from such decisions of the Superior Court in accordance with the laws of the State of Washington. The CONSULTANT hereby consents to the personal jurisdiction of the Superior Court of the State of Washington, situated in the county in which the AGENCY is located.

XII. Legal Relations

The CONSULTANT, any sub-consultants, and the AGENCY shall comply with all Federal, State, and local laws, rules, codes, regulations and all AGENCY policies and directives, applicable to the work to be performed under this AGREEMENT. This AGREEMENT shall be interpreted and construed in accordance with the laws of the State of Washington.

The CONSULTANT shall defend, indemnify, and hold the State of Washington (STATE) and the AGENCY and their officers and employees harmless from all claims, demands, or suits at law or equity arising in whole or in part from the negligence of, or the breach of any obligation under this AGREEMENT by, the CONSULTANT or the CONSULTANT's agents, employees, sub consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT may be legally liable; provided that nothing herein shall require a CONSULTANT

to defend or indemnify the STATE and the AGENCY and their officers and employees against and hold harmless the STATE and the AGENCY and their officers and employees from claims, demands or suits based solely upon the negligence of, or breach of any obligation under this AGREEMENT by the STATE and the AGENCY, their agents, officers, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the STATE and /or the AGENCY may be legally liable; and provided further that if the claims or suits are caused by or result from the concurrent negligence of (a) the CONSULTANT or the CONSULTANT's agents, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT is legally liable, and (b) the STATE and/or AGENCY, their agents, officers, employees, sub-consultants, subcontractors and or vendors, of any tier, or any other persons for whom the STATE and/or AGENCY may be legally liable, the defense and indemnity obligation shall be valid and enforceable only to the extent of the CONSULTANT's negligence or the negligence of the CONSULTANT's agents, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT may be legally liable. This provision shall be included in any AGREEMENT between CONSULTANT and any sub-consultant, subcontractor and vendor, of any tier.

The CONSULTANT shall also defend, indemnify, and hold the STATE and the AGENCY and their officers and employees harmless from all claims, demands, or suits at law or equity arising in whole or in part from the alleged patent or copyright infringement or other allegedly improper appropriation or use of trade secrets, patents, proprietary information, know-how, copyright rights or inventions by the CONSULTANT or the CONSULTANT's agents, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT may be legally liable, in performance of the Work under this AGREEMENT or arising out of any use in connection with the AGREEMENT of methods, processes, designs, information or other items furnished or communicated to STATE and/or the AGENCY, their agents, officers and employees pursuant to the AGREEMENT; provided that this indemnity shall not apply to any alleged patent or copyright infringement or other allegedly improper appropriation or use of trade secrets, patents, proprietary information, know-how, copyright rights or inventions resulting from STATE and/or AGENCY's, their agents', officers and employees' failure to comply with specific written instructions regarding use provided to STATE and/or AGENCY, their agents, officers and employees by the CONSULTANT, its agents, employees, sub-consultants, subcontractors or vendors, of any tier, or any other persons for whom the CONSULTANT may be legally liable.

The CONSULTANT's relation to the AGENCY shall be at all times as an independent contractor.

Notwithstanding any determination by the Executive Ethics Board or other tribunal, the AGENCY may, in its sole discretion, by written notice to the CONSULTANT terminate this AGREEMENT if it is found after due notice and examination by the AGENCY that there is a violation of the Ethics in Public Service Act, Chapter 42.52 RCW; or any similar statute involving the CONSULTANT in the procurement of, or performance under, this AGREEMENT.

The CONSULTANT specifically assumes potential liability for actions brought by the CONSULTANT's own employees or its agents against the STATE and/or the AGENCY and, solely for the purpose of this indemnification and defense, the CONSULTANT specifically waives any immunity under the state industrial insurance law, Title 51 RCW. The Parties have mutually negotiated this waiver.

Unless otherwise specified in this AGREEMENT, the AGENCY shall be responsible for administration of construction contracts, if any, on the project. Subject to the processing of a new sole source, or an acceptable supplemental AGREEMENT, the CONSULTANT shall provide On-Call assistance to the AGENCY during contract administration. By providing such assistance, the CONSULTANT shall assume no responsibility for proper construction techniques, job site safety, or any construction contractor's failure to perform its work in accordance with the contract documents.

The CONSULTANT shall obtain and keep in force during the terms of this AGREEMENT, or as otherwise required, the following insurance with companies or through sources approved by the State Insurance Commissioner pursuant to Title 48 RCW.

Insurance Coverage

- A. Worker’s compensation and employer’s liability insurance as required by the STATE.
- B. Commercial general liability insurance written under ISO Form CG 00 01 12 04 or its equivalent with minimum limits of one million dollars (\$1,000,000.00) per occurrence and two million dollars (\$2,000,000.00) in the aggregate for each policy period.
- C. Business auto liability insurance written under ISO Form CG 00 01 10 01 or equivalent providing coverage for any “Auto” (Symbol 1) used in an amount not less than a one million dollar (\$1,000,000.00) combined single limit for each occurrence.

Excepting the Worker’s Compensation Insurance and any Professional Liability Insurance, the STATE and AGENCY, their officers, employees, and agents will be named on all policies of CONSULTANT and any sub-consultant and/or subcontractor as an additional insured (the “AIs”), with no restrictions or limitations concerning products and completed operations coverage. This coverage shall be primary coverage and non-contributory and any coverage maintained by the AIs shall be excess over, and shall not contribute with, the additional insured coverage required hereunder. The CONSULTANT’s and the sub-consultant’s and/or subcontractor’s insurer shall waive any and all rights of subrogation against the AIs. The CONSULTANT shall furnish the AGENCY with verification of insurance and endorsements required by this AGREEMENT. The AGENCY reserves the right to require complete, certified copies of all required insurance policies at any time.

All insurance shall be obtained from an insurance company authorized to do business in the State of Washington. The CONSULTANT shall submit a verification of insurance as outlined above within fourteen (14) days of the execution of this AGREEMENT to:

Name:
 Agency:
 Address:
 City: State: Zip:
 Email:
 Phone:
 Facsimile:

No cancellation of the foregoing policies shall be effective without thirty (30) days prior notice to the AGENCY.

The CONSULTANT’s professional liability to the AGENCY, including that which may arise in reference to section IX “Termination of Agreement” of this AGREEMENT, shall be limited to the accumulative amount of the authorized AGREEMENT or one million dollars (\$1,000,000.00), whichever is greater, unless the limit of liability is increased by the AGENCY pursuant to Exhibit H. In no case shall the CONSULTANT’s professional liability to third parties be limited in any way.

The parties enter into this AGREEMENT for the sole benefit of the parties, and to the exclusion of any third party, and no third party beneficiary is intended or created by the execution of this AGREEMENT.

The AGENCY will pay no progress payments under section V “Payment Provisions” until the CONSULTANT has fully complied with this section. This remedy is not exclusive; and the AGENCY may take such other action as is available to it under other provisions of this AGREEMENT, or otherwise in law.

XIII. Extra Work

- A. The AGENCY may at any time, by written order, make changes within the general scope of this AGREEMENT in the SERVICES to be performed.
- B. If any such change causes an increase or decrease in the estimated cost of, or the time required for, performance of any part of the SERVICES under this AGREEMENT, whether or not changed by the order, or otherwise affects any other terms and conditions of this AGREEMENT, the AGENCY shall make an equitable adjustment in the: (1) maximum amount payable; (2) delivery or completion schedule, or both; and (3) other affected terms and shall modify this AGREEMENT accordingly.
- C. The CONSULTANT must submit any “request for equitable adjustment,” hereafter referred to as “CLAIM,” under this clause within thirty (30) days from the date of receipt of the written order. However, if the AGENCY decides that the facts justify it, the AGENCY may receive and act upon a CLAIM submitted before final payment of this AGREEMENT.
- D. Failure to agree to any adjustment shall be a dispute under the section XI “Disputes” clause. However, nothing in this clause shall excuse the CONSULTANT from proceeding with the AGREEMENT as changed.
- E. Notwithstanding the terms and conditions of paragraphs (A.) and (B.) above, the maximum amount payable for this AGREEMENT, shall not be increased or considered to be increased except by specific written supplement to this AGREEMENT.

XIV. Endorsement of Plans

If applicable, the CONSULTANT shall place their endorsement on all plans, estimates, or any other engineering data furnished by them.

XV. Federal Review

The Federal Highway Administration shall have the right to participate in the review or examination of the SERVICES in progress.

XVI. Certification of the Consultant and the Agency

Attached hereto as Exhibit “G-1(a and b)” are the Certifications of the CONSULTANT and the AGENCY, Exhibit “G-2” Certification Regarding Debarment, Suspension and Other Responsibility Matters - Primary Covered Transactions, Exhibit “G-3” Certification Regarding the Restrictions of the Use of Federal Funds for Lobbying and Exhibit “G-4” Certificate of Current Cost or Pricing Data. Exhibit “G-3” is required only in AGREEMENTS over one hundred thousand dollars (\$100,000.00) and Exhibit “G-4” is required only in AGREEMENTS over five hundred thousand dollars (\$500,000.00.) These Exhibits must be executed by the CONSULTANT, and submitted with the master AGREEMENT, and returned to the AGENCY at the address listed in section III “General Requirements” prior to its performance of any SERVICES under this AGREEMENT.

XVII. Complete Agreement

This document and referenced attachments contain all covenants, stipulations, and provisions agreed upon by the parties. No agent, or representative of either party has authority to make, and the parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein. No changes, amendments, or modifications of the terms hereof shall be valid unless reduced to writing and signed by the parties as a supplement to this AGREEMENT.

XVIII. Execution and Acceptance

This AGREEMENT may be simultaneously executed in several counterparts, each of which shall be deemed to be an original having identical legal effect. The CONSULTANT does hereby ratify and adopt all statements, representations, warranties, covenants, and AGREEMENT’s contained in the proposal, and the supporting material submitted by the CONSULTANT, and does hereby accept this AGREEMENT and agrees to all of the terms and conditions thereof.

XIX. Protection of Confidential Information

The CONSULTANT acknowledges that some of the material and information that may come into its possession or knowledge in connection with this AGREEMENT or its performance may consist of information that is exempt from disclosure to the public or other unauthorized persons under either chapter 42.56 RCW or other local, state, or federal statutes (“State’s Confidential Information”). The “State’s Confidential Information” includes, but is not limited to, names, addresses, Social Security numbers, e-mail addresses, telephone numbers, financial profiles credit card information, driver’s license numbers, medical data, law enforcement records (or any other information identifiable to an individual), STATE and AGENCY source code or object code, STATE and AGENCY security data, non-public Specifications, STATE and AGENCY non-publicly available data, proprietary software, STATE and AGENCY security data, or information which may jeopardize any part of the project that relates to any of these types of information. The CONSULTANT agrees to hold the State’s Confidential Information in strictest confidence and not to make use of the State’s Confidential Information for any purpose other than the performance of this AGREEMENT, to release it only to authorized employees, sub-consultants or subcontractors requiring such information for the purposes of carrying out this AGREEMENT, and not to release, divulge, publish, transfer, sell, disclose, or otherwise make it known to any other party without the AGENCY’s express written consent or as provided by law. The CONSULTANT agrees to release such information or material only to employees, sub-consultants or subcontractors who have signed a nondisclosure AGREEMENT, the terms of which have been previously approved by the AGENCY. The CONSULTANT agrees to implement physical, electronic, and managerial safeguards to prevent unauthorized access to the State’s Confidential Information.

Immediately upon expiration or termination of this AGREEMENT, the CONSULTANT shall, at the AGENCY’s option: (i) certify to the AGENCY that the CONSULTANT has destroyed all of the State’s Confidential Information; or (ii) returned all of the State’s Confidential Information to the AGENCY; or (iii) take whatever other steps the AGENCY requires of the CONSULTANT to protect the State’s Confidential Information.

As required under Executive Order 00-03, the CONSULTANT shall maintain a log documenting the following: the State’s Confidential Information received in the performance of this AGREEMENT; the purpose(s) for which the State’s Confidential Information was received; who received, maintained, and used the State’s Confidential Information; and the final disposition of the State’s Confidential Information. The CONSULTANT’s records shall be subject to inspection, review, or audit upon reasonable notice from the AGENCY.

The AGENCY reserves the right to monitor, audit, or investigate the use of the State’s Confidential Information collected, used, or acquired by the CONSULTANT through this AGREEMENT. The monitoring, auditing, or investigating may include, but is not limited to, salting databases.

Violation of this section by the CONSULTANT or its sub-consultants or subcontractors may result in termination of this AGREEMENT and demand for return of all State’s Confidential Information, monetary damages, or penalties

It is understood and acknowledged that the CONSULTANT may provide the AGENCY with information, which is proprietary and/or confidential during the term of this AGREEMENT. The parties agree to maintain the confidentiality of such information during the term of this AGREEMENT and afterwards. All materials containing such proprietary and/or confidential information shall be clearly identified and marked as “Confidential” and shall be returned to the disclosing party at the conclusion of the SERVICES under this AGREEMENT.

The CONSULTANT shall provide the AGENCY with a list of all information and materials it considers confidential and/or proprietary in nature: (a) at the commencement of the term of this AGREEMENT, or (b) as soon as such confidential or proprietary material is developed. "Proprietary and/or confidential information" is not meant to include any information which, at the time of its disclosure: (i) is already known to the other party; (ii) is rightfully disclosed to one of the parties by a third party that is not acting as an agent or representative for the other party; (iii) is independently developed by or for the other party; (iv) is publicly known; or (v) is generally utilized by unaffiliated third parties engaged in the same business or businesses as the CONSULTANT.

The parties also acknowledge that the AGENCY is subject to Washington State and federal public disclosure laws. As such, the AGENCY shall maintain the confidentiality of all such information marked proprietary and or confidential or otherwise exempt, unless such disclosure is required under applicable state or federal law. If a public disclosure request is made to view materials identified as "Proprietary and/or confidential information" or otherwise exempt information, the AGENCY will notify the CONSULTANT of the request and of the date that such records will be released to the requester unless the CONSULTANT obtains a court order from a court of competent jurisdiction enjoining that disclosure. If the CONSULTANT fails to obtain the court order enjoining disclosure, the AGENCY will release the requested information on the date specified.

The CONSULTANT agrees to notify the sub-consultant of any AGENCY communication regarding disclosure that may include a sub-consultant's proprietary and/or confidential information. The CONSULTANT notification to the sub-consultant will include the date that such records will be released by the AGENCY to the requester and state that unless the sub-consultant obtains a court order from a court of competent jurisdiction enjoining that disclosure the AGENCY will release the requested information. If the CONSULTANT and/or sub-consultant fail to obtain a court order or other judicial relief enjoining the AGENCY by the release date, the CONSULTANT shall waive and release and shall hold harmless and indemnify the AGENCY from all claims of actual or alleged damages, liabilities, or costs associated with the AGENCY's said disclosure of sub-consultants' information.

XX. Records Maintenance

During the progress of the Work and SERVICES provided hereunder and for a period of not less than six (6) years from the date of final payment to the CONSULTANT, the CONSULTANT shall keep, retain, and maintain all "documents" pertaining to the SERVICES provided pursuant to this AGREEMENT. Copies of all "documents" pertaining to the SERVICES provided hereunder shall be made available for review at the CONSULTANT's place of business during normal working hours. If any litigation, claim, or audit is commenced, the CONSULTANT shall cooperate with AGENCY and assist in the production of all such documents. "Documents" shall be retained until all litigation, claims or audit findings have been resolved even though such litigation, claim, or audit continues past the six (6) year retention period.

For purposes of this AGREEMENT, "documents" means every writing or record of every type and description, including electronically stored information ("ESI"), that is in the possession, control, or custody of the CONSULTANT, including, without limitation, any and all correspondences, contracts, AGREEMENTs, appraisals, plans, designs, data, surveys, maps, spreadsheets, memoranda, stenographic or handwritten notes, reports, records, telegrams, schedules, diaries, notebooks, logbooks, invoices, accounting records, work sheets, charts, notes, drafts, scribbles, recordings, visual displays, photographs, minutes of meetings, tabulations, computations, summaries, inventories, and writings regarding conferences, conversations or telephone conversations, and any and all other taped, recorded, written, printed or typed matters of any kind or description; every copy of the foregoing whether or not the original is in the possession, custody, or control of the CONSULTANT, and every copy of any of the foregoing, whether or not such copy is a copy identical to an original, or whether or not such copy contains any commentary or notation whatsoever that does not appear on the original.

For purposes of this AGREEMENT, "ESI" means any and all computer data or electronic recorded media of any kind, including "Native Files", that are stored in any medium from which it can be retrieved and examined, either directly or after translation into a reasonably useable form. ESI may include information and/or documentation stored in various software programs such as Email, Outlook, Word, Excel, Access, Publisher, PowerPoint, Adobe Acrobat, SQL databases, or any other software or electronic communication programs or databases that the CONSULTANT may use in the performance of its operations. ESI may be located on network servers, backup tapes, smart phones, thumb drives, CDs, DVDs, floppy disks, work computers, cell phones, laptops, or any other electronic device that CONSULTANT uses in the performance of its Work or SERVICES hereunder, including any personal devices used by the CONSULTANT or any sub-consultant at home.

"Native files" are a subset of ESI and refer to the electronic format of the application in which such ESI is normally created, viewed, and /or modified

The CONSULTANT shall include this section XX "Records Maintenance" in every subcontract it enters into in relation to this AGREEMENT and bind the sub-consultant to its terms, unless expressly agreed to otherwise in writing by the AGENCY prior to the execution of such subcontract.

In witness whereof, the parties hereto have executed this AGREEMENT as of the day and year shown in the "Execution Date" box on page one (1) of this AGREEMENT.

Signature

Date

Signature

Date

Any modification, change, or reformation of this AGREEMENT shall require approval as to form by the Office of the Attorney General.

***Exhibit A
Scope of Work***

Project No.

See attached document - Scope of Work

SCOPE OF WORK

The scope of work provided by Wagner Architects and consultants (as required) may include:

TASK ONE

- Evaluate and update the original EMG report. Remove buildings from the list which are scheduled to be decommissioned/sold, and remove items which may have already been remedied.
- Update ADA deficiency list with the still-remaining infractions and sort into minor/intermediate/major deficiencies. Create a matrix which tracks what trades & consultants would be required to remedy each condition, which permits would be required, and the number of people impacted by the deficiency (internal vs public).
- Establish a building priority and begin dividing the ADA deficiencies based on difficulty, similar scopes, consultants required, trades, and other factors as required.

| | | |
|----------------|------------------------|-----------|
| Project Hours: | Principal | 4 hours |
| | Sen. Project Architect | 40 hours |
| | Project Coordinator | 120 hours |
| | Intern | 15 hours |

TASK TWO

- Reach out to City of Redmond to assemble record drawings as required.
- Establish a plan for the first round of ADA remediation that limits the amount of consultants and trades.
- Develop a pricing set and perform a cost opinion on the proposed scope of the first round of ADA remediation, refining the scope as required to come in on budget.
- Preparation and delivery of Bid Documentation for buildings in the first round of ADA remediation.
- Prepare full design drawings for the items remaining in scope after pricing and turn in for permit as required.
- Provide Construction Administration services for quality control during installation provide post-inspection services

| | | |
|----------------|------------------------|-----------|
| Project Hours: | Principal | 20 hours |
| | Sen. Project Architect | 220 hours |
| | Project Coordinator | 660 hours |
| | Intern | 60 hours |

TASK THREE

- Prepare for second round of ADA remediation work, and help the COR develop a 4 year phased plan to correct all outstanding barriers
- work with COR to choose new FFE & accessories that are ADA compliant for future use.

| | | |
|----------------|------------------------|-----------|
| Project Hours: | Principal | 4 hours |
| | Sen. Project Architect | 40 hours |
| | Project Coordinator | 120 hours |
| | Intern | 15 hours |

PRELIMINARY SCHEDULE

TASK 1 – November 2024 – December 2024

TASK 2 – January 2025 – July 2025

TASK 3 – August 2025 – September 2025

Exhibit B

DBE Participation Plan

In the absence of a mandatory DBE goal, a voluntary SBE goal amount of ten percent of the Consultant Agreement is established. The Consultant shall develop a SBE Participation Plan prior to commencing work. Although the goal is voluntary, the outreach efforts to provide SBE maximum practicable opportunities are not.

While Wagner Architects has been a SBE in the recent past, the accreditation has lapsed. Wagner is in the process of becoming re-accredited as a SBE but this will likely not be completed until 2025. Wagner currently has less than 10 employees.

The MEP consultant is recognized as both a MBE and a WBE.
Tres West Engineers, Inc. MWBE Certification Number is M4F0020906.

Preparation and Delivery of Electronic Engineering and Other Data

In this Exhibit the agency, as applicable, is to provide a description of the format and standards the consultant is to use in preparing electronic files for transmission to the agency. The format and standards to be provided may include, but are not limited to, the following:

I. Surveying, Roadway Design & Plans Preparation Section

A. Survey Data

Not Applicable

B. Roadway Design Files

Not Applicable

C. Computer Aided Drafting Files

Standard: AIA CAD Layer Name Format

Format: AutoCAD R2019

Transmission: Sharepoint

D. Specify the Agency's Right to Review Product with the Consultant

Agency will retain the right to review all deliverables referenced in the Scope of Work Exhibit A

E. Specify the Electronic Deliverables to Be Provided to the Agency

Deliverables outlined in the Scope of Work Exhibit A

F. Specify What Agency Furnished Services and Information Is to Be Provided

Agency furnished services and information outlined in the Scope of Work Exhibit A

II. Any Other Electronic Files to Be Provided

Excel Spreadsheets indexing all known non-compliant ADA conditions
Access to ADA content compiled by EMG consultants for ADA Title II Transition Plan
CAD plans of existing facilities if available
PDF plans of existing facilities if available

III. Methods to Electronically Exchange Data

Sharepoint, email, Dropbox

A. Agency Software Suite

Not Applicable

B. Electronic Messaging System

Teams and Outlook

C. File Transfers Format

PDF, Excel, MS Word, CAD (native file format)

Exhibit D
Prime Consultant Cost Computations

See attached document - Exhibit D

Exhibit D

Consultant Fee Determination

Project Name: ADA Improvements - Facilities Project 1
 Project Number: 2402
 Consultant: Wagner Architects

NEGOTIATED HOURLY RATES

| Classification | Hours | DSC | Overhead 193% | Fee (Profit) 22% | Total Hourly Rate | Total | |
|------------------------|--------------|------------|--------------------------|---------------------------------|----------------------------------|------------------|------------------|
| Principal | 28 | \$ 71.50 | \$138.00 | \$15.73 | \$225 | \$6,306 | |
| Sen. Project Architect | 300 | \$ 54.00 | \$104.22 | \$11.88 | \$170 | \$51,030 | |
| Project Coordinator | 900 | \$ 38.00 | \$73.34 | \$8.36 | \$120 | \$107,730 | |
| Intern | 90 | \$ 32.00 | \$61.76 | \$7.04 | \$101 | \$9,072 | |
| Total Hours | | | | | | 1,318 | |
| | | | | | | Subtotal: | \$174,138 |

REIMBURSABLES

| | | | | | | | |
|------------------------------------|--|--|--|--|--|------------------|--------------|
| Mileage | | | | | | \$500 | |
| Reproduction (copies, plots, etc.) | | | | | | \$250 | |
| Miscellaneous | | | | | | \$100 | |
| | | | | | | Subtotal: | \$850 |

SUBCONSULTANT COSTS (See Exhibit E)

| | | | | | | | |
|-------------------------|--|--|--|--|--|------------------|-----------------|
| Tres West | | | | | | \$25,000 | |
| Frank Co | | | | | | \$5,000 | |
| RLB Estimators | | | | | | \$5,000 | |
| Coughlin Porter Lundeen | | | | | | \$5,000 | |
| | | | | | | Subtotal: | \$40,000 |

Total: \$214,988

Contingency: 10,000

GRAND TOTAL: \$224,988

Exhibit D

Consultant Fee Determination

Project Name: ADA Improvements - Facilities Project 1
 Project Number: 2402
 Consultant: Tres West Engineers

NEGOTIATED HOURLY RATES

| Classification | Hours | DSC | Overhead 173% | Fee (Profit) 22% | Total Hourly Rate | Total | |
|--|--------------|------------|--------------------------|---------------------------------|----------------------------------|--------------|---------------------------|
| Principal | 12 | \$ 70.50 | \$121.97 | \$15.62 | \$208 | \$2,497 | |
| Project Manager | 32 | \$ 54.00 | \$93.42 | \$11.96 | \$159 | \$5,100 | |
| Sr Designer | 30 | \$ 44.00 | \$76.12 | \$9.75 | \$130 | \$3,896 | |
| Designer II | 40 | \$ 37.00 | \$64.01 | \$8.20 | \$109 | \$4,368 | |
| Designer I | 80 | \$ 34.50 | \$59.69 | \$7.64 | \$102 | \$8,146 | |
| Admin | 4 | \$ 41.00 | \$70.93 | \$9.08 | \$121 | \$484 | |
| Total Hours | | | | | | 198 | Subtotal: \$24,492 |
| REIMBURSABLES | | | | | | | |
| Mileage | | | | | | \$500 | |
| Reproduction (copies, plots, etc.) | | | | | | | |
| Miscellaneous | | | | | | | |
| Subtotal: | | | | | | \$500 | |
| SUBCONSULTANT COSTS (See Exhibit E) | | | | | | | |
| Subtotal: | | | | | | | |

Total: \$24,992

Contingency:

GRAND TOTAL: \$24,992

Exhibit E

Sub-consultant Cost Computations

If no sub-consultant participation listed at this time. The CONSULTANT shall not sub-contract for the performance of any work under this AGREEMENT without prior written permission of the AGENCY. Refer to section VI “Sub-Contracting” of this AGREEMENT.

See attached document - Exhibit E

EXHIBIT E

Subcontracted Work

Project Name: ADA Improvements - Facilities Project 1
Project Number: 2402
Consultant: Wagner Architects

The City permits subcontracts for the following portions of work of the Agreement:

| Subconsultant | Work Description | Amount |
|-------------------------|---|-----------------|
| Tres West | Mechanical Electrical Plumbing Services | \$25,000 |
| Frank Co | Structural Engineering Services | \$5,000 |
| RLB Estimators | Cost Estimation Services | \$5,000 |
| Coughlin Porter Lundeen | Civil Engineering Servies | \$5,000 |
| Total: | | \$40,000 |

Exhibit F - Title VI Assurances Appendix A & E

APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, (*Federal Highway Administration*), as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21. *[Include Washington State Department of Transportation specific program requirements.]*
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin. *[Include Washington State Department of Transportation specific program requirements.]*
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the (*Federal Highway Administration*) to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the (*Federal Highway Administration*), as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non- discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the (*Federal Highway Administration*) may determine to be appropriate, including, but not limited to:
 - a. withholding payments to the contractor under the contract until the contractor complies; and/or
 - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the (*Federal Highway Administration*) may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

Exhibit F - Title VI Assurances Appendix A & E

APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

Exhibit G

Certification Document

- Exhibit G-1(a) Certification of Consultant
- Exhibit G-1(b) Certification of _____
- Exhibit G-2 Certification Regarding Debarment, Suspension and Other Responsibility Matters - Primary Covered Transactions
- Exhibit G-3 Certification Regarding the Restrictions of the Use of Federal Funds for Lobbying
- Exhibit G-4 Certificate of Current Cost or Pricing Data

Exhibit G-1(a) Certification of Consultant

I hereby certify that I am the and duly authorized representative of the firm of

whose address is

and that neither the above firm nor I have

- a) Employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above CONSULTANT) to solicit or secure this AGREEMENT;
- b) Agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out this AGREEMENT; or
- c) Paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the above CONSULTANT) any fee, contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out this AGREEMENT; except as hereby expressly stated (if any);

I acknowledge that this certificate is to be furnished to the _____

and the Federal Highway Administration, U.S. Department of Transportation in connection with this AGREEMENT involving participation of Federal-aid highway funds, and is subject to applicable State and Federal laws, both criminal and civil.

Consultant (Firm Name)

Signature (Authorized Official of Consultant)

Date

Exhibit G-1(b) Certification of _____

I hereby certify that I am the:

Other

of the _____, and _____

or its representative has not been required, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this AGREEMENT to:

- a) Employ or retain, or agree to employ to retain, any firm or person; o
- b) Pay, or agree to pay, to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind; except as hereby expressly stated (if any):

I acknowledge that this certificate is to be furnished to the _____

and the Federal Highway Administration, U.S. Department of Transportation, in connection with this AGREEMENT involving participation of Federal-aid highway funds, and is subject to applicable State and Federal laws, both criminal and civil.

Signature

Date

Exhibit G-2 Certification Regarding Debarment Suspension and Other Responsibility Matters - Primary Covered Transactions

- I. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - A. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - B. Have not within a three (3) year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State anti-trust statues or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - C. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; an
 - D. Have not within a three (3) year period preceding this application / proposal had one or more public transactions (Federal, State and local) terminated for cause or default.
- II. Where the prospective primary participant is unable to certify to any of the statements in this certification such prospective participant shall attach an explanation to this proposal.

Consultant (Firm Name)

Signature (Authorized Official of Consultant)

Date

Exhibit G-3 Certification Regarding the Restrictions of the Use of Federal Funds for Lobbying

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or any employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative AGREEMENT, and the extension, continuation, renewal, amendment, or modification of Federal contract, grant, loan or cooperative AGREEMENT.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative AGREEMENT, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the require certification shall be subject to a civil penalty of not less than \$10,000.00, and not more than \$100,000.00 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier sub-contracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

Consultant (Firm Name)

Signature (Authorized Official of Consultant)

Date

Exhibit G-4 Certification of Current Cost or Pricing Data

This is to certify that, to the best of my knowledge and belief, the cost or pricing data (as defined in section of the Federal Acquisition Regulation (FAR) and required under FAR subsection 15.403-4) submitted, either actually or by specific identification in writing, to the Contracting Officer or to the Contracting Officer's representative in support of _____* are accurate, complete, and current as of _____**.

This certification includes the cost or pricing data supporting any advance AGREEMENT's and forward pricing rate AGREEMENT's between the offer or and the Government that are part of the proposal.

Firm: _____

Signature

Title

Date of Execution _____***.

*Identify the proposal, quotation, request for pricing adjustment, or other submission involved, giving the appropriate identifying number (e.g. project title.)

**Insert the day, month, and year, when price negotiations were concluded and price AGREEMENT was reached.

***Insert the day, month, and year, of signing, which should be as close as practicable to the date when the price negotiations were concluded and the contract price was agreed to.

Exhibit H

Liability Insurance Increase

To Be Used Only If Insurance Requirements Are Increased

The professional liability limit of the CONSULTANT to the AGENCY identified in Section XII, Legal Relations and Insurance of this Agreement is amended to \$ _____.

The CONSULTANT shall provide Professional Liability insurance with minimum per occurrence limits in the amount of \$ _____.

Such insurance coverage shall be evidenced by one of the following methods:

- Certificate of Insurance
- Self-insurance through an irrevocable Letter of Credit from a qualified financial institution

Self-insurance through documentation of a separate fund established exclusively for the payment of professional liability claims, including claim amounts already reserved against the fund, safeguards established for payment from the fund, a copy of the latest annual financial statements, and disclosure of the investment portfolio for those funds.

Should the minimum Professional Liability insurance limit required by the AGENCY as specified above exceed \$1 million per occurrence or the value of the contract, whichever is greater, then justification shall be submitted to the Federal Highway Administration (FHWA) for approval to increase the minimum insurance limit.

If FHWA approval is obtained, the AGENCY may, at its own cost, reimburse the CONSULTANT for the additional professional liability insurance required.

Notes: Cost of added insurance requirements: \$ _____.

- Include all costs, fee increase, premiums.
 - This cost shall not be billed against an FHWA funded project.
 - For final contracts, include this exhibit
-

Exhibit I

Alleged Consultant Design Error Procedures

The purpose of this exhibit is to establish a procedure to determine if a consultant has alleged design error is of a nature that exceeds the accepted standard of care. In addition, it will establish a uniform method for the resolution and/or cost recovery procedures in those instances where the agency believes it has suffered some material damage due to the alleged error by the consultant.

Step 1 Potential Consultant Design Error(s) is Identified by Agency's Project Manager

At the first indication of potential consultant design error(s), the first step in the process is for the Agency's project manager to notify the Director of Public Works or Agency Engineer regarding the potential design error(s). For federally funded projects, the Region Local Programs Engineer should be informed and involved in these procedures. (Note: The Director of Public Works or Agency Engineer may appoint an agency staff person other than the project manager, who has not been as directly involved in the project, to be responsible for the remaining steps in these procedures.)

Step 2 Project Manager Documents the Alleged Consultant Design Error(s)

After discussion of the alleged design error(s) and the magnitude of the alleged error(s), and with the Director of Public Works or Agency Engineer's concurrence, the project manager obtains more detailed documentation than is normally required on the project. Examples include all decisions and descriptions of work, photographs, records of labor, materials, and equipment.

Step 3 Contact the Consultant Regarding the Alleged Design Error(s)

If it is determined that there is a need to proceed further, the next step in the process is for the project manager to contact the consultant regarding the alleged design error(s) and the magnitude of the alleged error(s). The project manager and other appropriate agency staff should represent the agency and the consultant should be represented by their project manager and any personnel (including sub-consultants) deemed appropriate for the alleged design error(s) issue.

Step 4 Attempt to Resolve Alleged Design Error with Consultant

After the meeting(s) with the consultant have been completed regarding the consultant's alleged design error(s), there are three possible scenarios:

- It is determined via mutual agreement that there is not a consultant design error(s). If this is the case, then the process will not proceed beyond this point.
- It is determined via mutual agreement that a consultant design error(s) occurred. If this is the case, then the Director of Public Works or Agency Engineer, or their representatives, negotiate a settlement with the consultant. The settlement would be paid to the agency or the amount would be reduced from the consultant's agreement with the agency for the services on the project in which the design error took place. The agency is to provide LP, through the Region Local Programs Engineer, a summary of the settlement for review and to make adjustments, if any, as to how the settlement affects federal reimbursements. No further action is required.
- There is not a mutual agreement regarding the alleged consultant design error(s). The consultant may request that the alleged design error(s) issue be forwarded to the Director of Public Works or Agency Engineer for review. If the Director of Public Works or Agency Engineer, after review with their legal counsel, is not able to reach mutual agreement with the consultant, proceed to Step 5.

Step 5 Forward Documents to Local Programs

For federally funded projects, all available information, including costs, should be forwarded through the Region Local Programs Engineer to LP for their review and consultation with the FHWA. LP will meet with representatives of the agency and the consultant to review the alleged design error(s), and attempt to find a resolution to the issue. If necessary, LP will request assistance from the Attorney General's Office for legal interpretation. LP will also identify how the alleged error(s) affects eligibility of project costs for federal reimbursement.

- If mutual agreement is reached, the agency and consultant adjust the scope of work and costs to reflect the agreed upon resolution. LP, in consultation with FHWA, will identify the amount of federal participation in the agreed upon resolution of the issue.
- If mutual agreement is not reached, the agency and consultant may seek settlement by arbitration or by litigation.

Exhibit J

Consultant Claim Procedures

The purpose of this exhibit is to describe a procedure regarding claim(s) on a consultant agreement. The following procedures should only be utilized on consultant claims greater than \$1,000. If the consultant's claim(s) total a \$1,000 or less, it would not be cost effective to proceed through the outlined steps. It is suggested that the Director of Public Works or Agency Engineer negotiate a fair and reasonable price for the consultant's claim(s) that total \$1,000 or less.

This exhibit will outline the procedures to be followed by the consultant and the agency to consider a potential claim by the consultant.

Step 1 Consultant Files a Claim with the Agency Project Manager

If the consultant determines that they were requested to perform additional services that were outside of the agreement's scope of work, they may be entitled to a claim. The first step that must be completed is the request for consideration of the claim to the Agency's project manager.

The consultant's claim must outline the following:

- Summation of hours by classification for each firm that is included in the claim
- Any correspondence that directed the consultant to perform the additional work;
- Timeframe of the additional work that was outside of the project scope;
- Summary of direct labor dollars, overhead costs, profit and reimbursable costs associated with the additional work; and
- Explanation as to why the consultant believes the additional work was outside of the agreement scope of work.

Step 2 Review by Agency Personnel Regarding the Consultant's Claim for Additional Compensation

After the consultant has completed step 1, the next step in the process is to forward the request to the Agency's project manager. The project manager will review the consultant's claim and will meet with the Director of Public Works or Agency Engineer to determine if the Agency agrees with the claim. If the FHWA is participating in the project's funding, forward a copy of the consultant's claim and the Agency's recommendation for federal participation in the claim to the WSDOT Local Programs through the Region Local Programs Engineer. If the claim is not eligible for federal participation, payment will need to be from agency funds.

If the Agency project manager, Director of Public Works or Agency Engineer, WSDOT Local Programs (if applicable), and FHWA (if applicable) agree with the consultant's claim, send a request memo, including backup documentation to the consultant to either supplement the agreement, or create a new agreement for the claim. After the request has been approved, the Agency shall write the supplement and/or new agreement and pay the consultant the amount of the claim. Inform the consultant that the final payment for the agreement is subject to audit. No further action is needed regarding the claim procedures.

If the Agency does not agree with the consultant's claim, proceed to step 3 of the procedures.

Step 3 Preparation of Support Documentation Regarding Consultant's Claim(s)

If the Agency does not agree with the consultant's claim, the project manager shall prepare a summary for the Director of Public Works or Agency Engineer that included the following:

- Copy of information supplied by the consultant regarding the claim;
- Agency's summation of hours by classification for each firm that should be included in the claim
- Any correspondence that directed the consultant to perform the additional work;
- Agency's summary of direct labor dollars, overhead costs, profit and reimbursable costs associate with the additional work;
- Explanation regarding those areas in which the Agency does/does not agree with the consultant's claim(s);
- Explanation to describe what has been instituted to preclude future consultant claim(s); and
- Recommendations to resolve the claim.

Step 4 Director of Public Works or Agency Engineer Reviews Consultant Claim and Agency Documentation

The Director of Public Works or Agency Engineer shall review and administratively approve or disapprove the claim, or portions thereof, which may include getting Agency Council or Commission approval (as appropriate to agency dispute resolution procedures). If the project involves federal participation, obtain concurrence from WSDOT Local Programs and FHWA regarding final settlement of the claim. If the claim is not eligible for federal participation, payment will need to be from agency funds.

Step 5 Informing Consultant of Decision Regarding the Claim

The Director of Public Works or Agency Engineer shall notify (in writing) the consultant of their final decision regarding the consultant's claim(s). Include the final dollar amount of the accepted claim(s) and rationale utilized for the decision.

Step 6 Preparation of Supplement or New Agreement for the Consultant's Claim(s)

The agency shall write the supplement and/or new agreement and pay the consultant the amount of the claim. Inform the consultant that the final payment for the agreement is subject to audit

ADA TITLE II TRANSITION PLAN

prepared for

City of Redmond, Washington
15670 Northeast 85th Street
Redmond, Washington 98073
Jeff Aken



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EMG PROJECT #:

139332.19R000-00A.206

DATE OF REPORT:

February 23, 2021



engineering | environmental | capital planning | project management

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1. EXECUTIVE SUMMARY

1.1 The ADA

The Americans with Disabilities Act (ADA) of 1990, provides comprehensive, wide-ranging rights and protections to individuals with disabilities in the areas of employment, public accommodations, state and local government services, and telecommunications. Many consider it to be one of the most important civil rights laws since the Civil Rights Act of 1964. The goal of the ADA is to ensure equality of opportunity, full participation, and independent living to all individuals including those with disabilities; it expressly prohibits all state and local governments, and most private businesses and non-profits from discriminating on the basis of disability. The ADA provides a clear and comprehensive national mandate for the elimination of discrimination against individuals with disabilities.

The ADA defines a disability, with respect to an individual, in one of three ways: a physical or mental impairment that substantially limits one or more major life activities; a record or history of such impairment; or perceived by others as having such an impairment. Major life activities include, but are not limited to, caring for oneself, performing manual tasks, seeing, hearing, eating, sleeping, walking, standing, lifting, bending, speaking, breathing, learning, reading, concentrating, thinking, communicating, and working.

The ADA is divided into 5 Titles: Employment, Public Services, Public Accommodations and Commercial Facilities, Telecommunications, and Miscellaneous Provisions. This report focuses on the Title II requirements for the City of Redmond. The Department of Justice (DOJ) is responsible for the enforcement of the provisions of the ADA under Title V. The DOJ's regulations implementing Title II of the ADA dictate that local governments and public agencies such as the City of Redmond must evaluate their services, programs, policies, and practices, and identify barriers that may limit accessibility for individuals with disabilities and develop transition plans describing how they will address identified barriers.

Appendix C further defines, expands, and explains many of the concepts, definitions, and requirements of the ADA.

1.2 Overall Strategy

The proposed strategy for ADA compliance is a multi-stage approach for physical access as well as program access. The goal of this strategy is to ensure that the programs, services, and opportunities offered by the City of Redmond are accessible to the citizens of the City of Redmond, regardless of abilities.

Physical access is proposed to focus on both recurring amenities and unique amenities. Recurring amenities are those which occur and are repeated in a number of facilities, such as City Hall, administrative offices, maintenance facilities, and public access buildings. A unique amenity is defined as one offering a singular experience or activity in the City. Examples include historic buildings and sites. The City of Redmond recognizes that a few unique amenities within its system may be duplicated, however, due to unique types of offerings, geographies, or overall uses, those amenities can still be defined as unique as a matter of policy. An example of this type of amenity includes the Old Fire Station Teen Center.

1.3 Process and Scope

An accessibility survey was completed of 23 facilities. The surveyors inventoried and evaluated each of the fire station buildings, police station buildings, public works facilities, and other public access areas. The objective of the survey is to identify any accessibility barriers to be documented in a transition plan for future work.

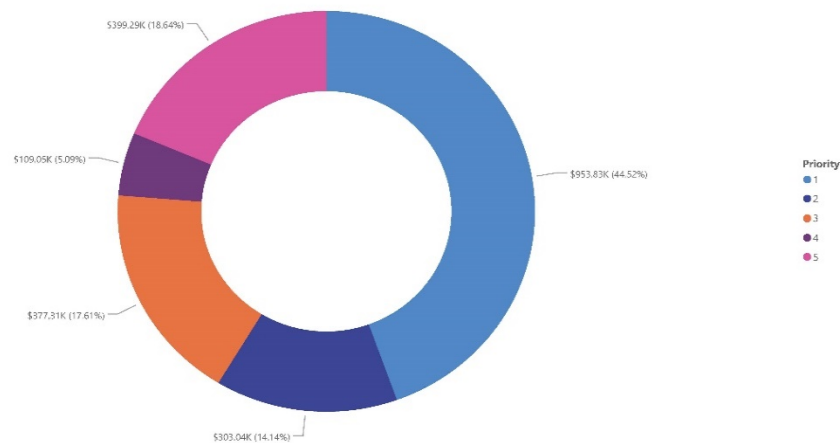
The survey teams visited each of the facilities in 2019. The teams reviewed available construction documents to familiarize themselves with the sites. The evaluation teams conducted walk-through surveys of the sites in order to identify barriers and formulate recommendations to remedy the physical deficiencies. Findings were developed into individual reports per site. All barrier findings are defined by type of barrier, priority of individual barrier, and include an estimated cost for barrier removal.

The established priorities of the individual barriers are summarized in the following table.

CHART 1.3- PRIORITIES BY TOTAL COST

/

Total Cost by Priority



- Priority 1:** Parking, Accessible Approach and Entrances
- Priority 2:** Elements used for programs, services, and activities.
- Priority 3:** Restrooms, Signage
- Priority 4:** Access to Auxiliary Features and Amenities
- Priority 5:** Employee-only

1.4 The 2020 Transition Plan

The 2020 Transition Plan represents a snapshot in time of the ongoing ADA efforts to evaluate, prioritize, and schedule ADA barrier removal, ensure that Program Access is provided consistently and system-wide, as well as to document all completed projects. The 2020 Transition Plan reflects the completion of all individual facility self-evaluations, provides updates to ongoing ADA activities within the City of Redmond, and finalizes the strategy to prioritize barrier removals. The Transition Plan is the blueprint for attaining optimal accessibility within the budgetary capabilities of the agency.

The Transition Plan is and must be a flexible, living document, as priorities and funding opportunities may change significantly over time. In 2020 and beyond, countywide demographics are bound to vary from the current demographic composition. Public preferences for recreational uses may change, and funding sources may be altered as well. Additionally, other departmental initiatives may come into effect that will affect the requirements for services to facility/park users. Thus, flexibility and responsiveness to inevitable changes must be reflected in shaping this (and future) transition plans.

The 2020 Transition Plan establishes priorities for all evaluated facilities, amenities and the barriers found within those amenities.

Planning level estimated values for barrier removal, along with the extent of barrier removal efforts completed or currently funded, will change as the entire City of Redmond system undergoes the process of barrier removal, and as the system is evaluated in the future, beyond the 2020 Transition Plan.

The establishment of the priorities and ranking levels is determined both by the regulations under the Americans with Disabilities Act, and by the necessity to schedule barrier removals within an established framework. The framework is built upon the following factors:

1. Level of ADA barrier removal, with the highest level given to unique programs and facilities, and to a selection of facilities designated as a priority by the City of Redmond;

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2. Opportunity to combine ADA barrier removal with scheduled capital improvements, such as renovations to the Redmond Pool.
3. Development of an ongoing work program to eliminate easily removed barriers;
4. Funding sources and funding timelines;
5. Realistic time frame for accomplishment; and
6. Geographic and demographic distributions.

A total of 1,250 barriers were reported at the 23 sites surveyed in the City of Redmond, with a total estimated cost of \$2.1 million. The barriers have been organized into five phases to coordinate with fiscal budgets, as determined by the City of Redmond. Barriers within the phases are assigned Priorities 1 thru 5, as designated by the Department of Justice, in order to prioritize the work to be completed at each site.

TABLE 1.4- TRANSITION PLAN PHASING SUMMARY

| Phase | Priority 1 | | Priority 2 | | Priority 3 | | Priority 4 | | Priority 5 | | Total | |
|--------------------|------------------|------------|------------------|------------|------------------|------------|------------------|-----------|------------------|------------|--------------------|-------------|
| | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items |
| Phase One | \$263,871 | 86 | \$48,010 | 54 | \$70,337 | 87 | \$18,353 | 8 | \$5,468 | 8 | \$406,036 | 244 |
| Phase Two | \$191,476 | 90 | \$151,627 | 43 | \$119,646 | 123 | \$49,035 | 17 | \$36,764 | 8 | \$548,547 | 281 |
| Phase Three | \$276,673 | 140 | \$39,390 | 22 | \$44,054 | 64 | 9220 | 8 | \$46,504 | 17 | \$415,839 | 251 |
| Phase Four | \$109,950 | 44 | \$28,015 | 15 | \$40,095.00 | 35 | 9480 | 4 | 211948 | 107 | \$399,488 | 205 |
| Phase Five | \$111,864 | 69 | \$35,996 | 44 | \$103,180 | 73 | \$22,960 | 16 | \$98,608 | 67 | \$372,604 | 269 |
| Grand Total | \$953,834 | 429 | \$303,038 | 178 | \$377,312 | 382 | \$109,048 | 53 | \$399,292 | 207 | \$2,142,513 | 1250 |

2. PURPOSE AND SCOPE

2.1 Overview of the City of Redmond

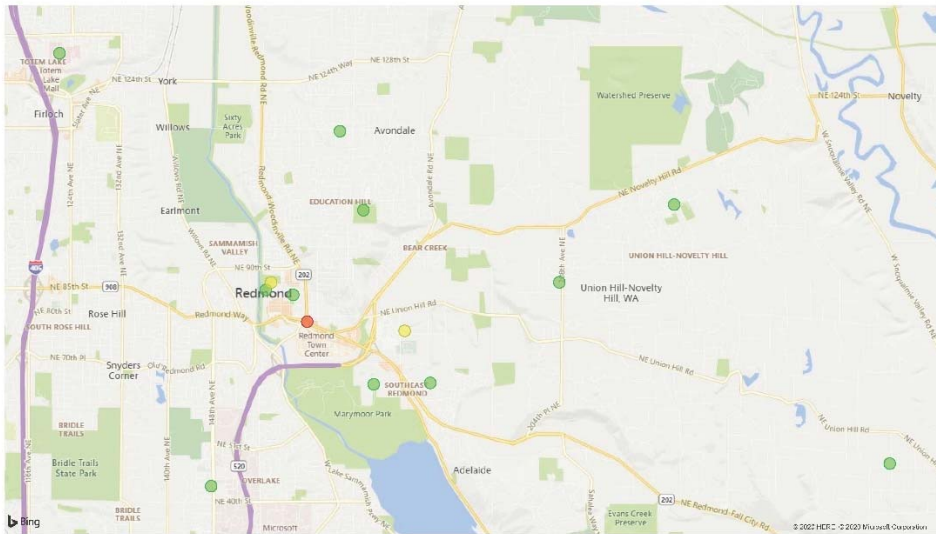
The City of Redmond provides police and fire protection services, emergency medical services, disaster preparedness, planning and zoning, street maintenance and construction, and parks and recreation, in addition to general administrative services.

The mission statement of the City of Redmond is: “To collectively deliver our community’s priorities in support of a dynamic community where we can all live, work, play and invest.”

The City of Redmond is governed by a Mayor/council, non-partisan form of government. The Mayor and each of the seven City Council members are elected directly by the people to staggered four-year terms. All members represent the community at-large rather than individual districts or areas for the City. Redmond also has eight citizen advisory boards and commissions.

Current number of city employees consists of 711.92 full-time equivalents. The number of uniformed personnel for fire protection is 169. The number of commissioned officer for police protection is 85.

The City of Redmond covers an area of 17.14 square miles with facilities located throughout the area within the city limits, and is located within King County in the central Puget Sound region of the state of Washington.



Physical amenities currently available within the City of Redmond system are:

| AMENITY SUMMARY | |
|--|---|
| FACILITY | AMENITIES |
| Redmond Community Center at Marymoor Village | Public spaces, offices, meeting rooms, employee spaces, and picnic tables |
| Old Fire Station Teen Center | Public spaces, offices, meeting rooms, employee spaces, recording studio, performance area, picnic tables, and basketball court |
| City Hall | Public spaces, offices, meeting rooms, employee spaces, and picnic tables |
| Hartman Park – Redmond Pool (exterior) | One story building with indoor pool |
| Fire Station 11 and One Medic Building | Offices, living quarters, meeting rooms, vehicle bays |
| Fire Station 12 | Offices, living quarters, vehicle bays |
| Fire Station 13 | Offices, living quarters, vehicle bays |
| Fire Station 14 | Offices, living quarters, vehicle bays, and picnic table |
| Fire Station 16 and Shop Building | Offices, living quarters, vehicle bays |
| Fire Station 17 | Offices, living quarters, meeting rooms, vehicle bays, and picnic table |
| Fire Station 18 | Offices, living quarters, vehicle bays, and picnic table |
| Public Safety Building | Public spaces, offices, meeting rooms, employee spaces, jail cells, and picnic tables |
| Building 11 Decant Facility | Offices and employee spaces |
| Building 1 – Public Works MOC | Offices and employee spaces |
| Building 3 – Facilities Workgroup Modular | Offices, employee spaces, and picnic tables |
| Building 5 Central Store Warehouse | Offices and employee spaces |
| Building 8 Parks MOC | Offices and employee spaces |
| Medic 23 Quarters at Evergreen Hospital | Living quarters, office, vehicle bay |
| Trinity Building | Offices, employee spaces, meeting rooms, picnic table |
| King County Commuter Parking | Asphalt parking lot |
| Police Garage North | One story garage |
| Police Garage South | One story garage |
| Municipal Campus Parking Garage | Three story parking garage |
| Total Number of Amenities | 74 |

2.2 Purpose of the Transition Plan

The purpose of this Transition Plan is to plan accessibility compliance for the City of Redmond with the requirements of Title II of the Americans with Disabilities Act (ADA) and applicable state regulations contained in the accessibility and related chapters of the Washington State Building Code. The Transition Plan is part of the Self-Evaluation process required of Title II entities (state and local public agencies).

2.3 Basis for Probable Costs

The estimates for the repair and capital reserves items noted within this report are summarized in Section 3, and individual observation details are provided in Appendix A.

The estimates are based on invoice or bid documents provided either by the Owner/facility and construction costs developed by construction resources such as *R.S. Means* and *Marshall & Swift*, EMG's experience with past costs for similar properties, city cost indexes, and assumptions regarding future economic conditions. Typically, barrier removal allowances are based upon the removal of the specific element being evaluated (for example, parking stalls, curb ramps, ramps). Grading plans based on field surveys using land surveyor instrumentation could result in significantly different material quantities and subsequent higher project costs. EMG has no control over the final scope of work, pricing methods, and costs associated with a contractor constructing the project. The opinion of probable costs within this report cannot guarantee that the costs will accurately reflect the actual bids for construction.

2.4 Scope of Work

A Self-Evaluation is a governmental organizations' evaluation of its current services, policies and practices, and all physical facilities. The Self Evaluation comprises three components:

- Data gathering: assessments of individual physical properties and internal reviews of public services and programs, communications, and employment practices
- Transition Plan based on the physical and programmatic assessments
- Action necessary to make required additions or modifications to non-compliant elements

This Transition Plan represents the planned modifications to programs and physical facilities provided by the City of Redmond. The Transition Plan is a summation and analysis of the barriers to use of facilities.

2.5 Physical Barrier Assessments

An EMG Subject Matter Expert visited each property within the City of Redmond to evaluate the facilities in accordance with the ADA and State of Washington Building Code and assess the existing property improvements' compliance with the Title II provisions of the Americans with Disabilities Act (ADA) and applicable state requirements.

The field observer conducted a thorough review of the facility to observe and identify barriers to accessibility and formulate recommendations to remedy the physical barriers. As a part of the review, the field observer met with a property representative with specific knowledge of the facility to gain a clear understanding of overall features, public use patterns, and relevant historical data. All features of the property are subject to observation, which includes but is not limited to parking lots, sidewalks, access ramps, and all common areas accessible to the public, as well as employee areas.

During the site walk-through, the field observer followed a Survey Form that meets or exceeds the current ADAAG format, and utilized a digital level, measuring tape, pressure gauge and digital camera. The field observer identified and prioritized any existing improvements not in accordance with the applicable ADA requirements in the order of preference as set out by the DOJ in general categories and refined by EMG.

The EMG team assessed exterior and interior in order to identify existing conditions that are not in accordance with the applicable regulations. Examples of elements required to be accessible are:

- Parking- adequacy as to automobile number, van accessible number, signage, and markings
- Parking and passenger loading zones
- Accessible routes: sidewalks and paths, interior routes
- Space allowance and ranges
- Protruding objects
- Ground and floor surfaces
- Curb and other ramps; size, distance, slope, rails and surface finishes
- Exterior and interior common stairs
- Platform lifts (wheelchair lifts)
- Entrances and exits to common areas and employee areas
- Handrails and grab bars
- Alarms (visual and audible) and warnings
- Signage, Braille, and visual
- Switches and outlets

Individual assessment reports for each property surveyed included:

- Summary of Findings for all amenity features (parking stalls, curb ramps, paths of travel, etc)
- Individually recorded barriers
- Digital photos of observed deficiencies and representative photos of elements observed to be in compliance
- Geocode GPS references for the location of observed deficiencies
- Applicable ADA and State of Washington regulatory references
- Recommendations for viable corrective measures necessary to comply with regulations
- Planning level cost estimates for each barrier

Assessment results were tabulated into an ADA database using AssetCALC™, an online interactive database created by EMG to manage ADA and state accessibility code information. The AssetCALC™ asset management database used by EMG establishes an online database in www.Assetcalc.net, which is used to compile records of all deficiencies and accessibility barriers, store photos and documents related to the individual facilities, and create reports. AssetCALC™ provides the ability to list, prioritize, query, and track accessibility barrier removals. Cost data in the database is calculated using rounding. Any minor discrepancies in the costs shown in this report are the result of rounding.

3. ACCESSIBILITY REQUIREMENTS

The Americans with Disabilities Act (ADA) of 1990, provides comprehensive, wide ranging rights and protections to individuals with disabilities in the areas of employment, public accommodations, state and local government services, and telecommunications. Many consider it to be one of the most important civil rights laws since the Civil Rights Act of 1964. The goal of the ADA is to ensure equality of opportunity, full participation, and independent living to all individuals including those with disabilities; it expressly prohibits all state and local governments and most private businesses from discriminating on the basis of disability. The ADA provides a clear and comprehensive national mandate for the elimination of discrimination against individuals with disabilities. The ADA includes the definition of a disability; and in 2008, the ADA Amendments Act expanded and better defined the definition of a disability.

The ADA defines a disability, with respect to an individual, in one of three ways: a physical or mental impairment that substantially limits one or more major life activities; a record or history of such impairment; or regarded as having such as an impairment. Major life activities include, but are not limited to, caring for oneself, performing manual tasks, seeing, hearing, eating, sleeping, walking, standing, lifting, bending, speaking, breathing, learning, reading, concentrating, thinking, communicating, and working.

The ADA is divided into 5 Titles: Employment, Public Services, Public Accommodations and Commercial Facilities, Telecommunications, and Miscellaneous Provisions. This report focuses on the Title II requirements.

The Department of Justice (DOJ) is responsible for the enforcement of the provisions of the ADA other than employment policy related issues. The United States Department of Justice's regulations implementing Title II of the ADA dictate that local governments and public agencies such as the City of Redmond must evaluate their services, programs, policies, and practices and identify barriers that may limit accessibility for individuals with disabilities and develop transition plans describing how they will address identified barriers.

In 2010, the Department of Justice issued revised and expanded ADA regulations. The new regulations revised and updated earlier standards as well as included new standards for various recreational uses such as play equipment, amusement rides, fishing piers, etc. These are collectively called the 2010 ADA Standards for Accessible Design (the "2010 Standards"). These new standards guide all new park construction and renovation projects. All facilities and parks have been evaluated and audited using the 2010 Standards.

Generally, Title II of the Americans with Disabilities Act (ADA) prohibits discrimination by public entities to access and use of on the basis of disability. In addition, public agencies must provide program access to all programs of the agency. Program, as used in the phrase "program access", is defined by the Department of Justice as "programs, facilities, and activities" of the public agency. Regardless of their age, programs, facilities, and activities must be maintained and operated to comply with the Americans with Disabilities Act Accessibility Guidelines (ADAAG), and applicable state and local accessibility regulations.

Buildings completed and occupied after January 26, 1992 are required to comply fully with ADAAG. Existing facilities constructed prior to this date are held to the lesser standard of complying to the extent allowed by structural feasibility and the financial resources available, or a reasonable accommodation must be made. However, program access by the public is still required.

A full explanation of the ADA is located in Appendix C.

4. POLICIES AND PROGRAM REVIEW

4.1 Community Services

Requirement:

Programs and services provided by the City of Redmond must not discriminate against individuals with disabilities. This extends to providing programs (such as exercise, recreational, swimming, etc.) in an integrated setting. Providing segregated/separate programs for individuals with disabilities is not acceptable. Additionally, programs that have presentations and use audio/amplified communication (i.e., microphones) need to accommodate individuals with hearing disabilities.

Findings:

- The City has an ADA Program which states that the City will make every reasonable effort to provide equal access to all City facilities, services, programs and activities for citizens with disabilities in accordance with the ADA and Section 504 of the Rehabilitation Act of 1973. The ADA Program includes information on Program Modification, Inclusions Services and Personal Services. The ADA Program states that if a personal attendant is needed for personal services the personal attendant will not be charged registration fees, transportation fees or admission fees while accompanying a paying participant. See Appendix D for the ADA Program document.
- The City of Redmond has several different online publications with information about community news and activities, business news, and municipal governmental meetings and activities. These include: "Focus on Redmond," which is published quarterly; an "Activity Guide" which is published 3 times per year (Spring/Summer, Fall and Winter); and "Choose Your Adventure," a summer camp guide. The publications are available online and may also be available in printed form.
- The city has an online "Enews" subscription which provides instant, automated email notifications whenever new information is posted on the city website. The subscription is available to anyone and the subscriber has the option to choose their topics of information and how often they are delivered.
- "Let's Connect Redmond," an online community conversation portal, is available for information on upcoming plans, programs and projects. This site offers users the opportunity to provide feedback, ask questions and post comments to the city. Users can provide feedback to city government by completing the surveys/questionnaires that the city posts on the site.
- The City of Redmond offers a variety of activities for all age groups. According to municipal publications and the official website, registrations for programs can be completed online, by phone or in person at Redmond Community Center at Marymoor Village, Redmond City Hall or the Old Fire House Teen Center.

Recommendations:

- It is recommended that all publications be provided in an alternative format such as large print, Braille, audiotope, computer disk, pictorial signage as applicable, for individuals with disabilities, when requested.
- It is recommended that when individual program and activity or building information is logged into the data base, the notifications should denote whether an activity or program is taking place in an accessible facility, and that accommodations can be made to accommodate a participant with a disability.
- For any activity taking place in a swimming pool, ensure that the pool has a pool lift which complies with the 2010 ADA Standards for Accessible Design.

- All notifications (written/print, website, posters, etc.) should state: *“if you need an accommodation in order to participate in this program (wheelchair access, sign language interpreter, written materials in alternate format) please contact.....”*
- The City of Redmond can stipulate advanced notice for a sign language interpreter, but it should be no greater than one (1) week. The contact number which is provided must be a TDD/relay number or email.
- Information about the current accessibility of facilities where programs, services and City offices take place needs to be coordinated with the offices who operate the programs and services. If an applicant or participant needs to be accommodated, it may require moving the program to an accessible location or the City employee (tax collector, etc.) must meet the resident at an accessible location within the variety of City facilities.

4.2 Housing

Requirements:

Residential facilities with residential dwelling units shall comply with Section 233 and with the technical and scoping requirements in Chapters 1 through 10 of the 2010 ADA Standards for Accessible Design. These facilities may also be subject to the requirements of the Fair Housing Act (FHA), Section 504 of the Rehabilitation Act of 1973, as amended and/or The US Department of Housing and Urban Development (HUD).

Findings:

- The City of Redmond is a member of A Regional Coalition for Housing (ARCH). ARCH is a partnership of King County and East King County Cities. ARCH assists member governments in developing housing policies, strategies, programs and development regulations, coordinates the cities' financial support to groups creating affordable housing for low- and moderate-income households; and assists people looking for affordable rental and ownership housing. ARCH's member governments have supported a wide range of housing created and operated by local organizations and private developers that serve individuals, families, seniors, the homeless, and persons with special needs.
- The King County Housing Authority provides rental housing and rental assistance programs in Redmond.
- According to the King County Housing Authority website, they do not receive any operating funds from the State of Washington, King County or the region's cities. Funds received from member municipalities support affordable housing developments.
- The King County Housing Authority application forms are in PDF format.
- The King County Housing Authority has a reasonable accommodations policy listed on its website.

Recommendations:

- It is recommended that all housing applications be provided in an alternative format such as large print, Braille, audiotape, computer disk, pictorial signage, etc. for individuals with disabilities, and such documents include equal opportunity statements.

4.3 Personnel and Internal Policies and Programs

Requirements:

No qualified individual with a disability shall, on the basis of disability, be subjected to discrimination in employment under any service, program, or activity conducted by a public entity.

Findings:

The City of Redmond has very extensive and thorough policies ranging from administrative, personnel, rules and regulations to miscellaneous categories. Key administrative policies reviewed include:

- **Non-Discrimination:** The policy is direct, concise and adequate for compliance.
- **Harassment:** The policy is direct, concise and adequate for compliance.
- **Reasonable Accommodation of Disabilities:** The policy is concise, states that notice must be given and indicates that an interactive process will be used to determine what accommodations may be appropriate.
- **Workplace Violence:** The policy provides a thorough analysis of what constitutes workplace violence (ranging from threats to assault), and the disciplinary actions which may result. The policy does not address the issue of individuals experiencing symptoms of a mental illness or emotional disturbance that may affect their behavior.
- **Conditional Examinations:** A psychological and/or medical exam performed post-position offer is described in the policy and complies with ADA requirements.
- **Substance Abuse and Drug and Alcohol Testing:** The policy details what substances are prohibited, what conduct is prohibited, the required reporting for prescription or over the counter medications that may adversely impact their ability to perform their work and the types of drug and alcohol testing used. Disciplinary policies are thoroughly detailed, and the Employee Assistance Program (EAP) is referenced.
- **Family Medical Leave Act (FMLA):** The City has an extensive policy on FMLA.

Recommendations:

- The Reasonable Accommodation of Disabilities policy should state that the request be sent to the ADA coordinator and include the name and contact information for the ADA coordinator.
- It is recommended that the disability policies for short-term and long-term/permanent disabilities be separate. Careful use of terms such as “reasonable accommodation” should be utilized in discussions of employees with permanent disabilities. Such terms may not necessarily be applied to employees returning to work from worker’s compensation or a short-term disability.
- It is important to note in all documentation that all medical and accommodation information is kept separate from the employee’s personnel file and kept confidential.

4.4 Human Resource – Position Descriptions

Requirements:

No qualified individual with a disability shall, on the basis of disability, be subjected to discrimination in employment under any service, program, or activity conducted by a public entity.

Findings:

- The City of Redmond has 224 job classifications listed.
- Approximately 11 job opportunities are listed on the website at the time of this report: Construction Inspector, Day Camp Program Leadership Opportunities (Recreation Leader), Department Administrative Coordinator, Deputy Director of Parks and Recreation, Entry Police Officer, Equestrian Instructor, Homeless Outreach Program Administration, Lateral Police Officer, Recreation Leader – Redmond Old Fire House Teen Center, Seasonal Maintenance Aid-PW and Seasonal Park Maintenance.
- Job classifications for selected job openings were reviewed. All job opening announcements contained essential duties and responsibilities; knowledge, skills and abilities; physical demands; education, experience and other requirements; and any other specific requirements.

Recommendations:

- The review of selected announcements for job openings appear to be compliant, and additional recommendations are not offered at this time. Maintain personnel procedures in which position descriptions contain all essential functions of the job described and all duties assigned to the job position listed. The Equal Employment Opportunity statement must be included in position offerings.

4.5 ADA Coordinator

Requirements:

Title II also requires a designated accessibility coordinator to ensure the resolution of complaints and by inference, an employee or employees who will coordinate removal of barriers. Designation of responsible employee. A public entity that employs 50 or more persons shall designate at least one employee to coordinate its efforts to comply with and carry out its responsibilities under this part, including any investigation of any complaint communicated to it alleging its noncompliance with this part or alleging any actions that would be prohibited by this part. The public entity shall make available to all interested individuals the name, office address, and telephone number of the employee or employees designated pursuant to this paragraph.

Findings:

- The name, office address and telephone number of the designated ADA Coordinator has not been posted on the website to date.

Recommendations:

- If an ADA Coordinator has not been designated, it is recommended that one is designated. See Appendix E- ADA Coordinator Role, for more detailed information.
- It is recommended that the name, office address and telephone number of the designated ADA Coordinator be posted on the website. An ADA coordinator must be appointed, and contact information provided to the public as required by law.

4.6 Public Grievance Procedures

Requirements:

Title II of the Americans with Disabilities Act (ADA) requires government entities to establish a complaint procedure for both the public and employees be established. Complaint procedure. A public entity that employs 50 or more persons shall adopt and publish grievance procedures providing for prompt and equitable resolution of complaints alleging any action that would be prohibited by the ADA. The complaint procedure must include an accessible method of filing an accessibility complaint, such as a grievance procedure and grievance form posted on the city website.

Findings:

- Per the City of Redmond Website on the American with Disabilities Act (ADA) Program page an ADA Grievance can be sent by letter or email to the Customer Service Desk or filed online. When the link for filing an online ADA Grievance is followed the customer is taken to a page that has three selections, Knowledge Base, Request for Service and Contact. It is not clear that an ADA Grievance is filed using the request for service selection. The citizen must get to the second page of the online filing procedure and scroll down a list before finding out this is the correct place to file an ADA Grievance. A form that could be printed and used to file an ADA Grievance in person or by mail was not found.

Recommendations:

- It is recommended that a form that is used specifically for filing an ADA Grievance for an accessibility complaint be put in place. This form should be located both online and in paper form at City Hall. Rule IX provides a very thorough and detailed policy for Grievances. See Appendix E - ADA Coordinator Role for more detailed information about the public grievance procedure.

4.7 City Website

Requirements:

The Department of Justice (DOJ) has stated, as they have in the past with other elements, spaces, or technologies for which there are no technical accessibility specifications, that the absence of a technical standard does not “serve as a basis for noncompliance” with the ADA’s general obligation to ensure equal access to goods and services; rather, it means that entities have flexibility in how to facilitate that access.

Existing standards and guidelines can help web developers create and maintain accessible websites. For example, the Web Content Accessibility Guidelines (WCAG) developed by the global Web Accessibility Initiative (WAI), which is part of the World Wide Web Consortium, the main international standards organization for the Internet, have long been available, and DOJ has often referred to these guidelines as a way of measuring the accessibility of websites.

More than ever, the services available on websites must be accessible to everyone, including those with disabilities, now that online platforms are our primary method of communication and commerce.

Findings:

- All applications (programs, services and employment) are contained and completed on the City’s website. An automated web analysis was conducted on the website. However, an automated web analysis can capture only approximately 20% of the website content failures per the Web Content Accessibility Guidelines (WCAG) guidelines.

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- The City website is partially, but not fully accessible. Navigation and most pages of the website are accessible and meet Section 508 requirements, but not all.
- Using a web open source automated scan called ADAScan to evaluate the City of Redmond website, the website content passed 38 out of 45 of the applicable automated tests. 69 tests were performed, however, 24 of the tests did not apply to the City's website. 7 areas failed. The results are shown in Appendix F.

Recommendation:

- A complete and thorough review of the City of Redmond website accessibility using the current WCAG 2.1 guidelines should be performed. A full analysis of the City's website, which is very extensive, can be conducted by a website consultant. Such a review can be conducted by website accessibility specialists for no fee, or for a nominal fee if the City of Redmond commits to a contract with a web consultant to perform appropriate accessibility changes to the website.
- Web Content Accessibility Guidelines (WCAG) are technical guidelines referenced when testing for ADA website accessibility. WCAG 2.1 A and AA is considered the minimum standard for ADA website compliance. Core WCAG issues must be resolved via manual testing, programming code changes, and continuous accessibility best practices.

5. COMPLIANCE STRATEGY

The proposed strategy for ADA compliance is a multi-phase approach for facility access as well as programmatic access. The goal of this strategy is to ensure that the programs, services, and opportunities offered by the City of Redmond are accessible to the citizens of the Redmond community, regardless of abilities, yet provide a realistic plan for barrier removal which is within the fiscal capabilities of the City of Redmond.

Provision of facility access is proposed to be based on a facility level, with the initial focus on the highest use properties. As its foundation, the proposed strategy is to ensure amenities which are in highest demand are accessible, subject to various limitations such as technically infeasible conditions and funding limitations. The strategy takes into account numerous factors such as population density, usage levels, amenity uniqueness, and other factors. This strategy will enable the best use of available funds to provide the optimal facility access to the public programs for all citizens.

Programmatic access will be an ongoing effort. The City of Redmond will initiate efforts to improve facility access, and develop and expand its review of its many programs with a focus on policy initiatives, inclusion, and reasonable accommodation needs. Not all barriers must be removed, as long as the disabled community is accommodated, and the unique programs, facilities, and services of the City are made available for disabled users. Selected recurring amenities will be made barrier-free, so that at least one of each type of amenity is accessible.

The level of funding is expected to continue at the same level going forward. Therefore, the majority of the barrier removal is not anticipated to be funded as a separate initiative, but rather as part of larger capital projects. Barrier removal must be accomplished in phases, as funding becomes available.

6. PRIORITIES

6.1 Physical Barrier Priorities

The scope of the individual facility assessments were limited to exterior site features and amenities, specifically accessible parking and exterior accessible pedestrian paths of travel to and from all amenities and features provided at each site. Elements assessed included amenities such as parking, playgrounds, and restroom interiors. EMG prioritized each of the captured barriers based on Department of Justice (DOJ) criteria focusing on the primary scope of work. Interior spaces such as common corridors, public restrooms, and other interior elements along the common path of travel, such as water fountains, that are the responsibility of the property owner, were included.

Per DOJ Guidelines, *people with disabilities should be able to arrive on the site, approach the building or facility and its amenities, and enter as freely as everyone else.*

The following priority levels have been used to assign priorities to barriers within each property and facility.

Priority 1: *Path of Travel-Accessible Van Parking* – Access to a public facility begins with accessible parking. Van accessible parking is deemed the most important barrier. Those with the most severe disabilities tend to require a van accessible space to accommodate their vehicle and mobility device. In addition, when only the minimum number of accessible spaces is required, it must be a van accessible space. This priority includes all barriers associated with the compliance of a van accessible space including signage, restriping, constructing or reconfiguring the pavement to accommodate the required number of spaces.

Accessible Car Parking – Access to a public facility begins with accessible parking. Car accessible parking is deemed the second most important barrier. This priority includes all barriers associated with the compliance of a van accessible space including signage, restriping, constructing or reconfiguring the pavement to accommodate the required number of accessible spaces.

Accessible Approach and Entrances – A public agency is required to take measures to provide access to a place of public accommodation and employee areas from public sidewalks, parking, or public transportation. The DOJ dictates the minimum width, cross and running slope, signage, and handrail requirements associated with pedestrian accessible routes of travel. These measures include, for example, installing an entrance ramp, correcting tripping hazards or lessening the slope of a curb ramp. At least one route of travel to each amenity or feature should be safe and accessible for everyone, including people with disabilities.

Priority 2: *Elements used for programs, services, and activities*- Barriers may include play equipment, picnic tables, public counters, benches, and trash receptacles.

Priority 3: *Restrooms, Signage* - Barriers may include widening of toilet stalls, installation of grab bars, and lowering lavatories and mirrors.

Priority 4: *Access to Auxiliary Features and Amenities* – A public agency is required to take measures to provide access to auxiliary features and amenities along paths of travel, for instance, kiosks, water fountains, and kitchen appliances.

Priority 5: *Employee-only Areas*- Employee-only areas are required to have accessible entrances and exits, and accessible paths of travel within interior work areas and work stations. Corridors in employee-only areas, employee-only restrooms, employee-only kitchens and employee-only break rooms are considered public areas (rather than employee-only areas) under the ADA, and therefore, are required to fully comply with accessibility regulations governing those types of areas.

Employee areas have been set as the lowest priority, due to the fact that the total estimated cost for barrier removal in public areas is the more pressing need.

Some of the existing accessibility barriers require a minimal amount of effort or expense to remove and are found throughout the system. These types of barrier removals are called “Low Hanging Fruit,” or easy barrier removal. “Low hanging fruit” is defined as accessibility barrier removal which can be incorporated into recurring work being completed on a life cycle basis, and which is relatively low in cost.

6.2 Facility Phases

The City of Redmond has established an accessibility priority rating for facilities using public usage criteria. Usage rates were determined by general visual observation by the City of Redmond staff. Priorities by level of community usage of individual facilities are:

- Priority One- City Hall, Hartman Park - Redmond Pool (exterior), Redmond Community Center at Marymoor Village, Trinity Building
- Priority Two- Old Fire Station Teen Center, Public Safety Building
- Priority Three- Building 11- Decant Facility, Building 1 - Public Works MOC, Building 3 – Facilities Workgroup Modular, Building 5 - Central Stores Warehouse, Building 8 - Parks MOC, King County Commuter Parking, Municipal Campus Parking Garage
- Priority Four- Fire Station 11 and Old Medic One Building, Fire Station 16 and Shop, Police Garage North, Police Garage South, Medic 23 Quarters at Evergreen Hospital
- Priority Five- Fire Station 12, Fire Station 13, Fire Station 14, Fire Station 17, Fire Station 18

The number of amenities, services, and programs available at a facility are primary factors affecting facility usage levels. Distance required to travel from residences, proximity to public transportation, and safety are secondary factors affecting usage.

7. CITY OF REDMOND FUNDING LEVELS

The total amount of revenue in the 2019/2020 budget was approximately \$797.7 million. The majority of the funds are allocated to expenses not related to physical facility improvements, such as wages, insurance, equipment, and other program expenses. The existing revenue level is not anticipated to increase significantly in the future.

The Capital Investment Program (CIP) for the City of Redmond follows a six-year approach focused on continued investment in current and future projects. The current CIP involves projects that include ADA components, such as plans to improve the City's transportation infrastructure to accommodate people with disabilities, the development of the Downtown Park, the improvement of sidewalks in the Downtown area, and the installation of an adaptive traffic signal system.

Funding of \$150,000 was approved for the 2019/2020 budget to evaluate deficiencies in all City buildings.

Based on the information above, the annual funding level for barrier removal can be no greater than the funds available for Capital Projects at a maximum, although some barriers may be removed through maintenance project funds, such as easy barrier removals (EBRs).

8. TRANSITION PLAN COMPONENTS

8.1 Overview

The 2020 Transition Plan is a snapshot in time to evaluate and prioritize accessibility barrier removal throughout the City of Redmond system. The Transition Plan will be a living document, and not a static view of the existing state of ADA compliance at the City of Redmond. As such, it can be modified and updated on a periodic basis to reflect barrier removal efforts, changes in economic conditions, new and revised strategies, and reflect future public input.

The Transition Plan is a flexible document, as strategies, priorities and funding opportunities change. The City of Redmond demographics may vary from the current demographic composition of King County. Public preferences for recreational types may change, while funding priorities and funding levels may change as well.

The Transition Plan will require modification as conditions and priorities are changed, new ADA requirements are issued by DOJ, and/or unanticipated policy or fiscal needs shifts occur.

8.2 System Barrier Summary

The removal of all identified physical accessibility barriers in the system is estimated to cost \$2,142,513. The existing barrier planning level cost estimate totals for each facility and individual barrier priorities are summarized in Table 8.2 below:

TABLE 8.2- ACCESSIBILITY SUMMARY BY FACILITY

| Facility / Building | Priority 1 | | Priority 2 | | Priority 3 | | Priority 4 | | Priority 5 | | Total | |
|--|------------|-------|------------|-------|------------|-------|------------|-------|------------|-------|-----------|-------|
| | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items |
| Building 11 Decant Facility | \$17,732 | 10 | \$1,715 | 3 | \$555 | 1 | \$200 | 1 | | | \$20,202 | 15 |
| Building 1-Public Works MOC | \$107,244 | 49 | \$21,728 | 9 | \$9,162 | 24 | | | \$46,504 | 17 | \$184,636 | 99 |
| Building 3-Facilities Workgroup Modular | \$14,073 | 10 | \$720 | 1 | \$3,780 | 18 | 1300 | 1 | | | \$19,873 | 30 |
| Building 5 Central Stores Warehouse | \$46,235 | 14 | \$1,706 | 3 | \$12,555 | 5 | 280 | 1 | | | \$60,776 | 23 |
| Building 8 Parks MOC | \$41,554 | 23 | \$13,521 | 6 | \$18,002 | 16 | \$7,440 | 5 | | | \$80,517 | 50 |
| City Hall | \$35,636 | 30 | \$28,888 | 18 | \$22,385 | 36 | \$7,598 | 2 | \$200 | 1 | \$94,706 | 87 |
| Fire Station 11 and Old Medic One Building | \$30,822 | 10 | \$1,385 | 2 | \$1,418 | 7 | | | \$172,554 | 91 | \$206,179 | 110 |
| Fire Station 12 | \$12,073 | 3 | \$1,805 | 1 | \$740 | 2 | | | \$65,950 | 43 | \$80,567 | 49 |
| Fire Station 13 | \$16,384 | 14 | \$9,658 | 7 | \$24,613 | 16 | \$4,428 | 5 | \$500 | 1 | \$55,583 | 43 |
| Fire Station 14 | \$39,478 | 21 | \$5,617 | 8 | \$32,021 | 21 | \$7,347 | 4 | \$11,846 | 6 | \$96,308 | 60 |
| Fire Station 16 and Shop Building | \$69,833 | 25 | \$26,230 | 12 | \$38,677 | 28 | 9480 | 4 | \$6,044 | 4 | \$150,264 | 73 |
| Fire Station 17 | \$35,599 | 19 | \$13,430 | 19 | \$31,978 | 19 | \$10,087 | 6 | \$14,462 | 13 | \$105,555 | 76 |
| Fire Station 18 | \$8,330 | 12 | \$5,486 | 9 | \$13,828 | 15 | \$1,098 | 1 | \$5,850 | 4 | \$34,591 | 41 |
| Hartman Park - Redmond Pool (exterior) | \$37,182 | 11 | | | | | | 1 | | | \$37,182 | 12 |
| King County Commuter Parking | \$25,723 | 13 | | | | | | | | | \$25,723 | 13 |
| Medic 23 Quarters at Evergreen Hospital | \$3,317 | 3 | \$400 | 1 | | | | | \$33,350 | 12 | \$37,067 | 16 |

ADA TITLE II TRANSITION PLAN

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| Facility / Building | Priority 1 | | Priority 2 | | Priority 3 | | Priority 4 | | Priority 5 | | Total | |
|---|------------------|------------|------------------|------------|------------------|------------|------------------|-----------|------------------|------------|--------------------|-------------|
| | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items | Est. Cost | Items |
| Municipal Campus Parking Garage | \$24,112 | 21 | | | | | | | | | \$24,112 | 21 |
| Old Fire Station Teen Center | \$116,171 | 49 | \$23,298 | 21 | \$9,136 | 13 | \$20,450 | 6 | \$36,764 | 8 | \$205,817 | 97 |
| Police Garage North | \$4,789 | 5 | | | | | | | | | \$4,789 | 5 |
| Police Garage South | \$1,189 | 1 | | | | | | | | | \$1,189 | 1 |
| Public Safety Building | \$75,305 | 41 | \$128,329 | 22 | \$110,510 | 110 | \$28,585 | 11 | | | \$342,730 | 184 |
| Redmond Community Center @ Marymoor Village | \$90,046 | 26 | \$14,260 | 26 | \$30,644 | 20 | 4071 | 2 | \$5,268 | 7 | \$144,288 | 81 |
| Test Site | | | | | | | | | | | | |
| Trinity Building | \$101,007 | 19 | \$4,862 | 10 | \$17,308 | 31 | \$6,684 | 5 | | | \$129,860 | 65 |
| Grand Total | \$953,831 | 429 | \$303,033 | 178 | \$377,311 | 382 | \$109,047 | 55 | \$399,290 | 207 | \$2,142,513 | 1251 |

For the accessibility barriers of individual facilities, see Appendix A.

8.3 Barrier Removal Strategy

The City of Redmond has adopted a multi-phase strategy using the ranking criteria of facility usage levels to determine the phases for barrier removal. The long-term goal is to make all unique amenities and at least one of each type of recurring amenity accessible. In order to meet the programmatic requirement for accessibility of programs, facilities and services to the disabled by local agencies, the District will make accommodations for the disabled when requested. For further explanation of the obligations of a public agency, see Appendix C, section 1.2.1.

The planned phases for barrier removal are:

- Phase 1: City Hall, Hartman Park - Redmond Pool (exterior), Redmond Community Center at Marymoor Village, Trinity Building
- Phase 2: Old Fire Station Teen Center, Public Safety Building
- Phase 3: Building 11 Decant Facility, Building 1 - Public Works MOC, Building 3 – Facilities Workgroup Modular, Building 5 Central Stores Warehouse, Building 8 Parks MOC, King County Commuter Parking, Municipal Campus Parking Garage
- Phase 4: Fire Station 11 and Old Medic One Building, Fire Station 16 and Shop, Police Garage North, Police Garage South, Medic 23 Quarters at Evergreen Hospital
- Phase 5: Fire Station 12, Fire Station 13, Fire Station 14, Fire Station 17, Fire Station 18

The planning level cost estimates for each phase are summarized below:

TABLE 8.3- PHASING PLAN

| Phases | Estimated Cost | Barriers |
|---------|----------------|----------|
| Phase 1 | \$406.1 K | 244 |
| Phase 2 | \$548.5 K | 281 |
| Phase 3 | \$415.8 K | 251 |

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| Phases | Estimated Cost | Barriers |
|---------------|-----------------------|-----------------|
| Phase 4 | \$399.5 K | 205 |
| Phase 5 | \$372.6 K | 269 |
| Totals | \$2,142,500 | 1,250 |

NOTE: Due to rounding, the totals shown in this table and the individual tables in the Appendices differ from Table 8.2, System Barrier Summary, and the tables in the AssetCalc management database by approximately \$13.

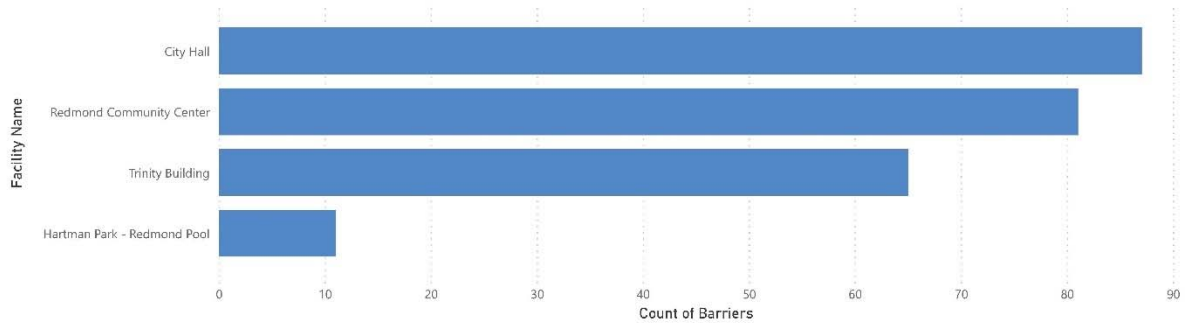
ADA TITLE II TRANSITION PLAN

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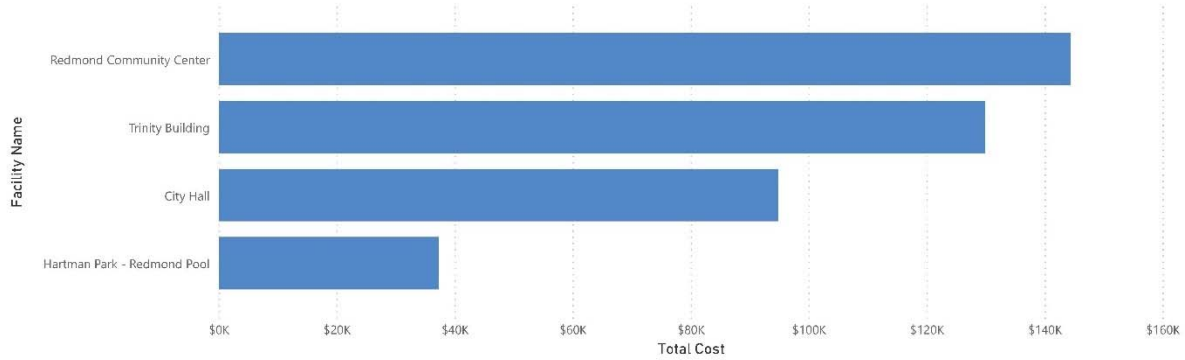
EMG PROJECT NO.: 139332.19R000-00A.206

Phase One

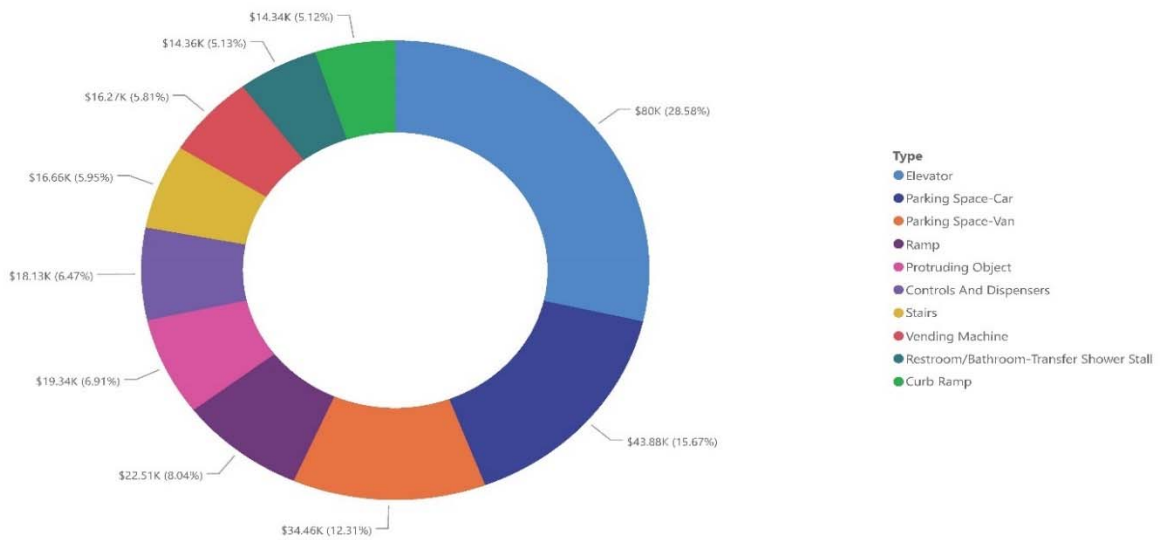
Phase 1: Number of Barriers By Facility



Phase 1: Total Cost by Facility Name



Phase 1: Total Cost by Barrier Type



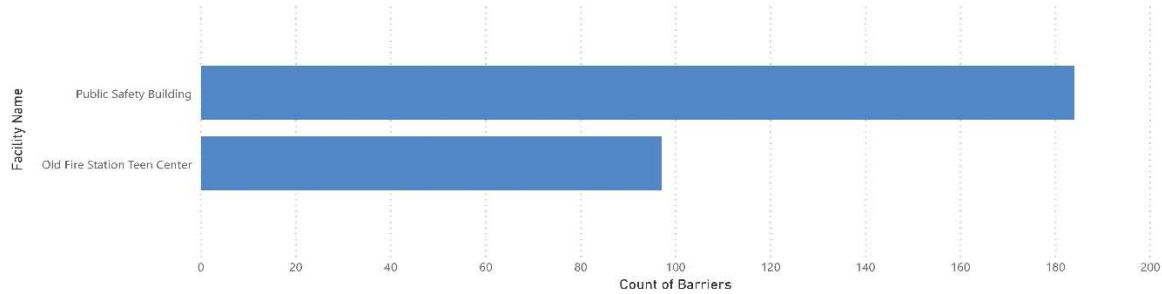
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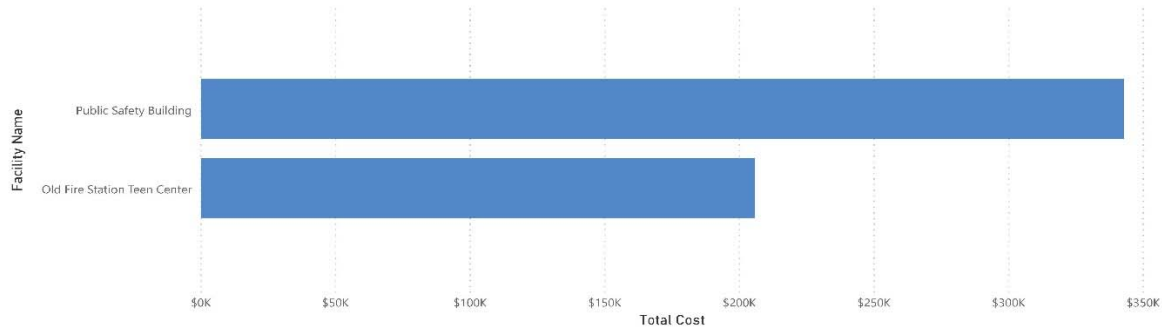
EMG PROJECT NO.: 139332.19R000-00A.206

Phase Two

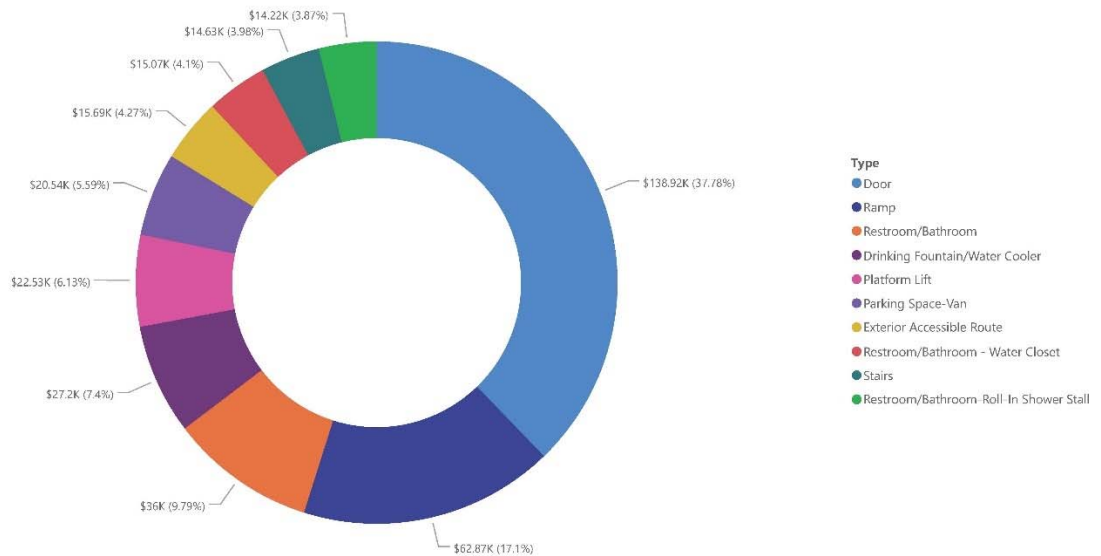
Phase 2: Number of Barriers By Facility



Phase 2: Total Cost by Facility Name

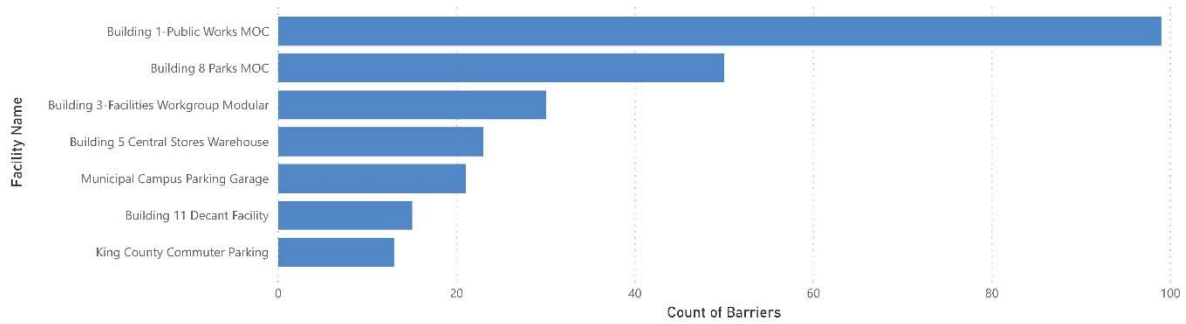


Phase 2: Total Cost by Barrier Type

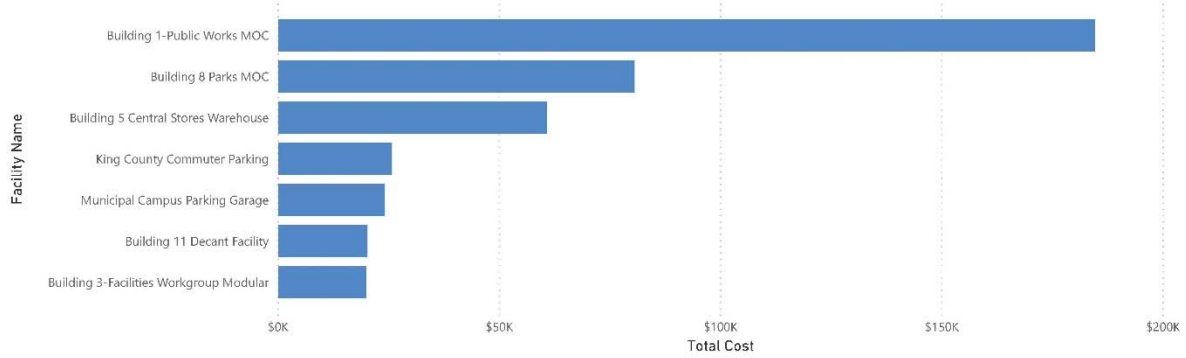


Phase Three

Phase 3: Number of Barriers By Facility



Phase 3: Total Cost by Facility Name

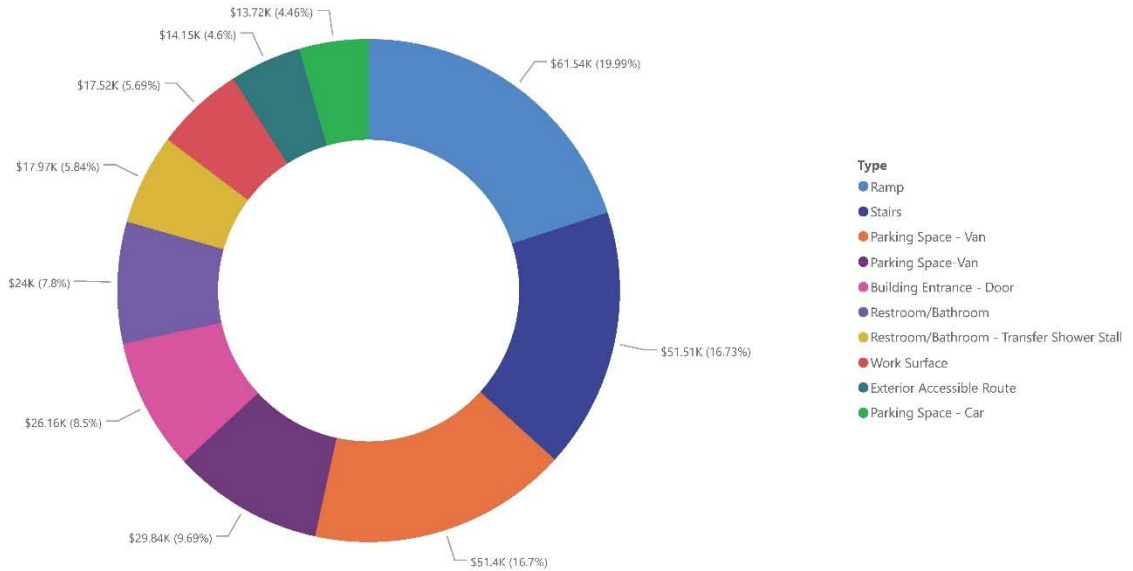


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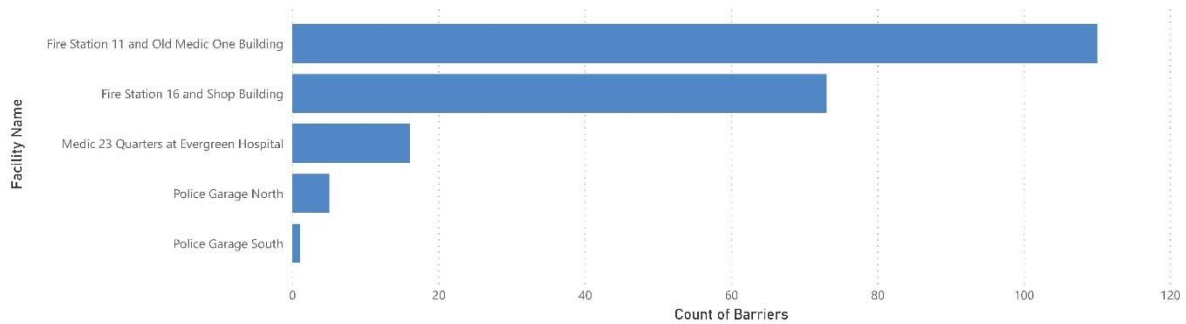
EMG PROJECT NO.: 139332.19R000-00A.206

Phase 3: Total Cost by Barrier Type

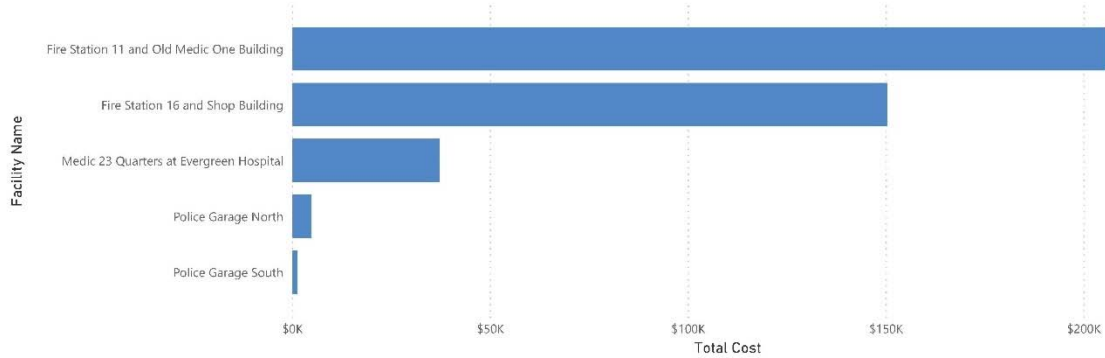


Phase Four

Phase 4: Number of Barriers By Facility



Phase 4: Total Cost by Facility Name

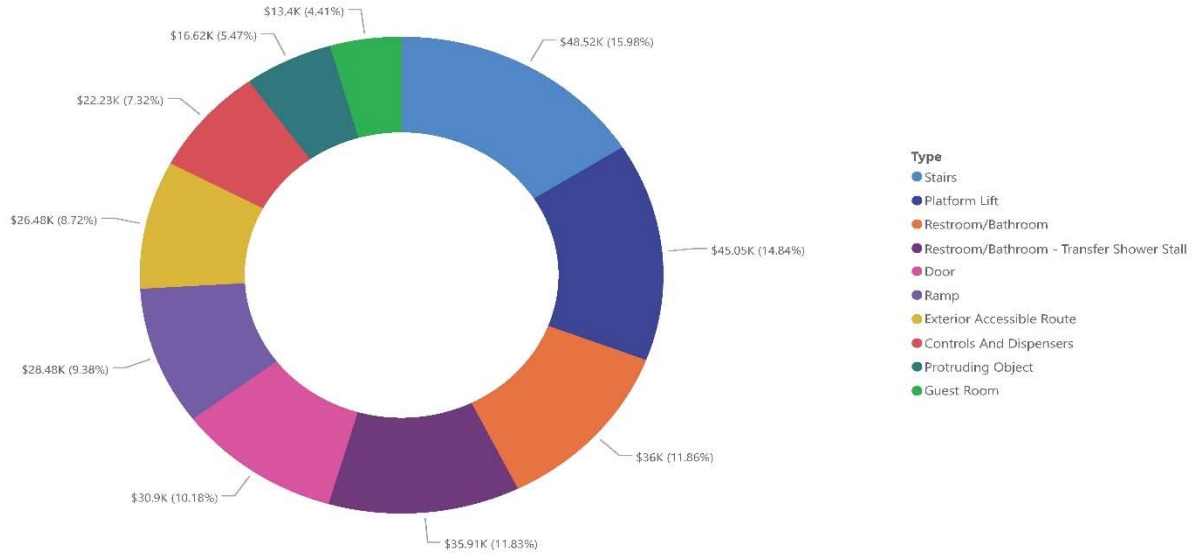


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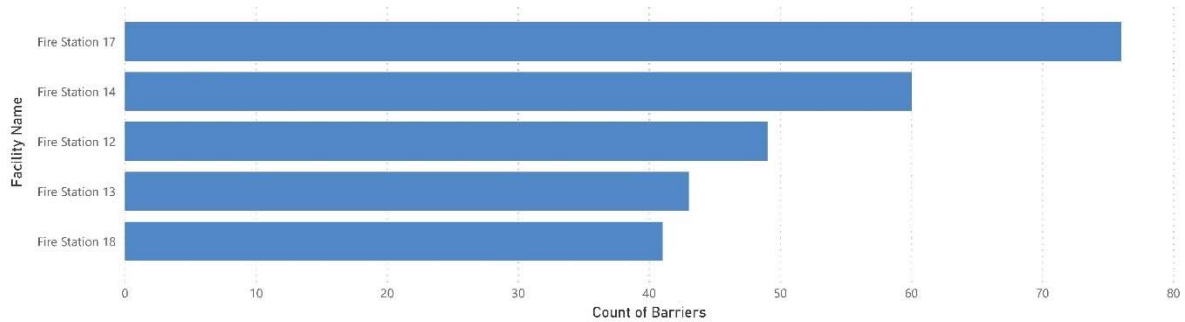
EMG PROJECT NO.: 139332.19R000-00A.206

Phase 4: Total Cost by Barrier Type

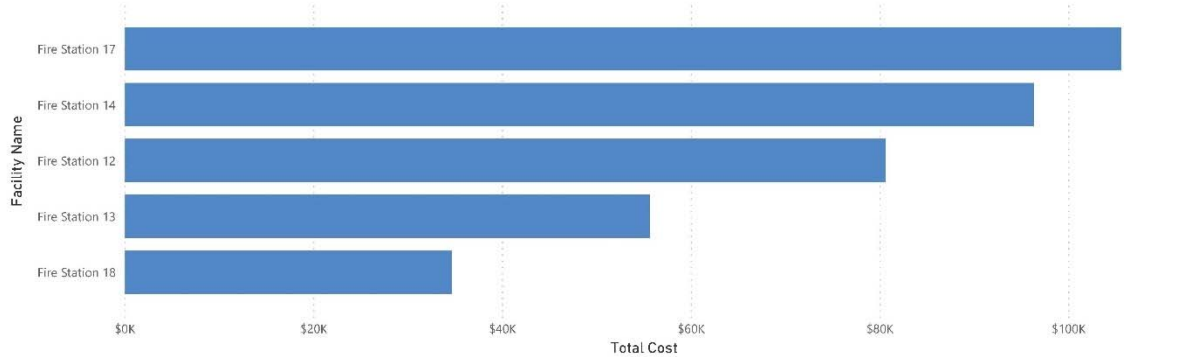


Phase Five

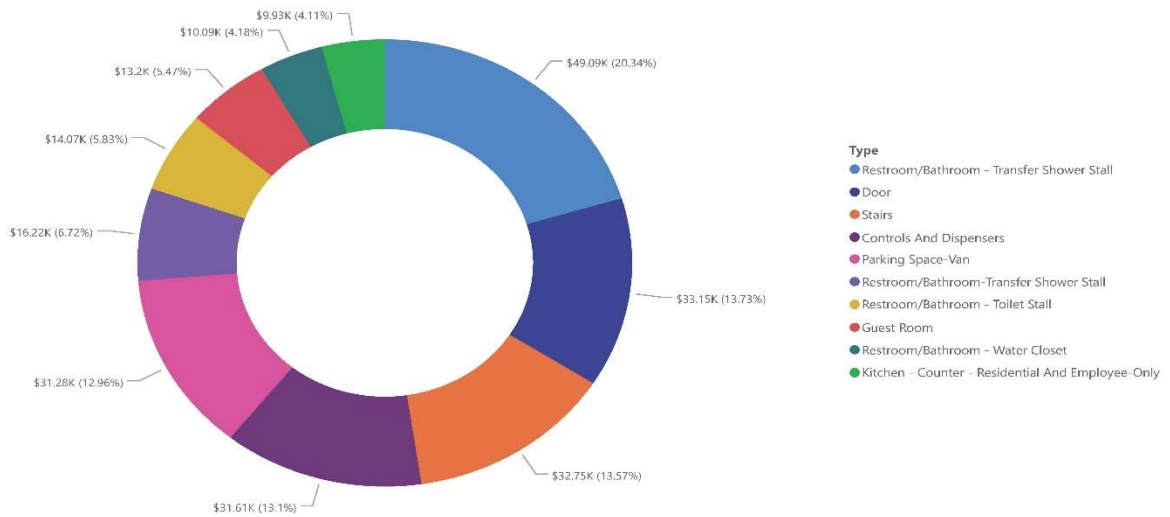
Phase 5: Number of Barriers By Facility



Phase 5: Total Cost by Facility Name



Phase 5: Total Cost by Barrier Type



See Appendix B for the full listing of barriers in each phase.

8.4 Conclusion

The establishment of planned phases for barrier removal is determined by the criteria adopted by City of Redmond, the regulations of the Americans with Disabilities Act, and by the necessity to schedule barrier removals within an established framework. The timing of the completion of each phase of barrier removal is subject to a number of factors. The framework timeline will be determined by the following factors, as well as potential unknown additional factors, which will determine any changes to and specificity of the Transition Plan which may be required in future years:

- Funding sources and funding timelines
- Level of ADA barrier removal, with the highest ranking given to the highest use areas
- Opportunity to combine ADA barrier removal with scheduled capital improvements, such as playground replacements, parking lot renovations, restroom repairs or park reconstruction
- Development of a work program to eliminate “low hanging fruit” (easily removed barriers)
- Realistic time frame for accomplishment based on fiscal capability
- Demographic distributions
- Input from the community

Planning level estimated values for barrier removal will change over time due to inflation, changes in construction practices and materials, and unanticipated changes or additions to accessibility regulations. It is expected that the total cost of required accessibility barrier removal will change over time due to completion of individual barrier removal efforts and due to funding of capital projects which incorporate barrier removal in the immediate and distant future.

9. CERTIFICATION

EMG has completed a Comprehensive Accessibility Evaluation of the City of Redmond, including a policies and programs review, and evaluations of physical properties of the municipality in King County, Washington, in accordance the requirements of 28 CRF Part 35, the 2010 ADA Design Standards for Accessible Design, and the State of Washington Building Code sections related to accessibility.

The conclusions and recommendations presented in this report are based on the evaluations of programs, policies and properties under the jurisdiction of the City of Redmond, associated documentation related to the properties, and input from the City of Redmond staff.

Accessibility evaluations were conducted by EMG Project Architects and Project Engineers during site visits to individual properties. Project Architects' and Engineers' observations were made during site visits conducted in 2019. Cost estimates for barrier removal are planning level cost estimates based on EMG's experience with similar properties.

The assessments were performed at the Client's request using methods and procedures consistent with good commercial and customary practice for assessing compliance with the Title II provisions of the Americans with Disabilities Act (ADA) including the requirements of 28 CRF Part 35, and applicable state requirements. Accessibility barriers in areas which were not readily accessible, and/or may not have been visible, may exist. Individual facility reports describe property conditions at the time that the observations and research were conducted. The individual facility reports are not an engineering evaluation of physical conditions. The Self-Evaluation did not include engineering evaluations or engineering calculations to determine the adequacy of the park or facility's original design, or to determine engineered cost estimates.

The opinions EMG expresses in this report were formed utilizing the degree of skill and care ordinarily exercised by any prudent architect or engineer in the same community under similar circumstances. EMG assumes no responsibility or liability for the accuracy of information contained in this report which has been obtained from the Client or the Client's representatives, from other interested parties, or from the public domain. The conclusions presented represent EMG's professional judgment based on information obtained over the course of this assignment. The conclusions presented are based on the data provided, observations made, and conditions that existed specifically on the date of the assessments of individual properties.

EMG certifies that EMG has no undisclosed interest in the subject property, EMG's relationship with the Client is at arms-length, and that EMG's employment and compensation are not contingent upon the findings or estimated costs to remove barriers.

This report has been prepared on behalf of and exclusively for the use of the City of Redmond for the purposes stated herein. The purpose for which this report shall be used shall be limited to the use as stated in the contract between the client and EMG. This report, or any of the information contained therein, is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of EMG. Any reuse or distribution without such consent shall be at the client's or recipient's sole risk, without liability to EMG.

If you have any questions regarding this report, please contact Jim Cave, Program Manager, (800) 766-0660 x 6554, Jim.Cave@bvna.com.

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10. APPENDICES

Appendix A - Accessibility Barriers by Facility

Appendix B - Barriers by Transition Plan Phase

Appendix C - Americans with Disabilities Act (ADA) Title II Requirements

Appendix D - City of Redmond ADA Program

Appendix E - Title II ADA Coordinator Role

Appendix F - City of Redmond Website

Appendix G - Disability Etiquette

Appendix H – Public Survey Responses

APPENDIX A ACCESSIBILITY BARRIERS BY FACILITY

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202152 | Building 11 Decant Facility / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Office</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |
| 202154 | Building 11 Decant Facility / INTERIOR | Entrance to Building | <p>The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.</p> <p>Office</p> <p>Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.</p> | 1 | \$ 366 |
| 204007 | Building 11 Decant Facility / INTERIOR | Interior Access Route | <p>The push side of the accessible door does not have the required maneuvering clearances.</p> <p>Office</p> <p>Relocate the fixtures to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | \$ 250 |
| 202151 | Building 11 Decant Facility / EXTERIOR | Entrance to Building | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Office</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | \$ 2,500 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202147 | Building 11 Decant Facility / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the exterior accessible route are not compliant.</p> <p>Office Exterior Route</p> <p>Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 800 |
| 202156 | Building 11 Decant Facility / INTERIOR | Restroom | <p>The lavatory faucet hardware is not compliant.</p> <p>Office Laundry Room</p> <p>Provide push/lever hardware for the faucet. Replace faucet operating hardware with compliant handles. Operable parts, such as faucet hardware, shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Hand-operated metering faucets shall remain open for 10 seconds minimum. Provide a minimum of one accessible sink with push/lever hardware.</p> | 3 | \$ 555 |
| 202157 | Building 11 Decant Facility / INTERIOR | Common Areas | <p>The washing machine controls are not within reach range.</p> <p>Office Laundry Room</p> <p>Replace the washing machine with a unit that has controls within an obstructed high reach range. If three or fewer washers are present, at least one washer shall be compliant. If more than three are present, at least two washers shall be compliant. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 2 | \$ 800 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|---|----------|---------------|
| 202158 | Building 11 Decant Facility / INTERIOR | Interior Access Route | <p>At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range.</p> <p>Office Laundry Room</p> <p>Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 115 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------------------|--|----------|---------------|
| 202159 | Building 11 Decant Facility / INTERIOR | Common Areas | <p>Controls and/or dispensers are not within an allowable reach range.</p> <p>Office Laundry Room</p> <p>Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 4 | \$ 200 |
| 202161 | Building 11 Decant Facility / INTERIOR | Entrance to Building | <p>The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.</p> <p>Office Laundry Room</p> <p>Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.</p> | 1 | \$ 366 |

| BUILDING 11 DECANT FACILITY | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203073 | Building 11 Decant Facility / INTERIOR | Common Areas | <p>The dryer controls are not within reach range.</p> <p>Office Laundry Room</p> <p>Replace the dryer with a unit that has controls within an obstructed high reach range. If three or fewer dryers are present, at least one dryer shall be compliant. If more than three are present, at least two dryers shall be compliant. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20" , the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 2 | \$ 800 |
| 204006 | Building 11 Decant Facility / INTERIOR | Interior Access Route | <p>The push side of the accessible door does not have the required maneuvering clearances.</p> <p>Office Laundry Room</p> <p>Relocate the shelving to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | \$ 250 |
| 202148 | Building 11 Decant Facility / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking lot P1</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 1,400 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202149 | Building 11 Decant Facility / EXTERIOR | Accessible Parking | <p>The parking space slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 6,300 |
| 202150 | Building 11 Decant Facility / EXTERIOR | Accessible Parking | <p>The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 5,000 |
| 201059 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>A compliant accessible route is not provided from the property line to the site facilities. Access from public sidewalk to P1 Provide an accessible route from accessible parking spaces, passenger loading zones, public streets, public sidewalks, and public transportation stops. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks; and public transportation stops to the accessible building or facility entrance they serve. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 991 |

| BUILDING 11 DECANT FACILITY | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201050 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the exterior accessible route are not compliant.</p> <p>Access Route From P1 to Main Entrance</p> <p>Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 3,567 |
| 201082 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48".</p> <p>Administration Office Exterior Door</p> <p>Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 1 | \$ 676 |
| 201084 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.</p> <p>Administration Office Exterior Door</p> <p>Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.</p> | 1 | \$ 366 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201061 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Building 1 Main Entrance Door Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202484 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Building 1 Main Entrance Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | \$ 366 |
| 202485 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Building 1 Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 201058 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Curb Ramp CR1 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | \$ 1,750 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201089 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The clear width of the exterior accessible route is less than 44".</p> <p>East Elevation - Route Adjacent to Administration Exterior Door</p> <p>Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 554 |
| 201088 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The clear width of the exterior accessible route is less than 44".</p> <p>East Elevation - Route from RP1 to offices Exterior Doors</p> <p>Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ - |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|---------|--|----------|---------------|
| 201104 | Building 1-Public Works MOC / INTERIOR | Kitchen | <p>The kitchen sink does not have knee and toe clearance.</p> <p>Employees Break-Room</p> <p>Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.</p> | 5 | \$ 720 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|--------------|--|----------|---------------|
| 201105 | Building 1-Public Works MOC / INTERIOR | Common Areas | <p>The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.</p> <p>Employees Break-Room</p> <p>Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 5 | \$ 5,439 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201139 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Employees Break-Room</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |
| 203043 | Building 1-Public Works MOC / INTERIOR | Kitchen | <p>The height of the counter is greater than 34".</p> <p>Employees Break-Room</p> <p>Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p> | 5 | \$ 1,986 |
| 201140 | Building 1-Public Works MOC | Entrance to Building | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Exterior Patio Door</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | \$ 1,250 |
| 201083 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible.</p> <p>Main Entrance Door</p> <p>Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility,</p> | 1 | \$ 120 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201124 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>Men's Restroom</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | \$ 55 |
| 201125 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>Men's Restroom</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 3 | \$ 355 |
| 201126 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The side grab bar is not compliant in the wheelchair stall.</p> <p>Men's Restroom</p> <p>Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 355 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|--|----------|---------------|
| 201127 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>Men's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 3 | \$ 293 |
| 201128 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The paper towel dispenser or dryer location is not compliant.</p> <p>Men's Restroom</p> <p>Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum =Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].</p> | 3 | \$ 200 |
| 201129 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The wheelchair stall door is not self closing.</p> <p>Men's Restroom</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p> | 3 | \$ 293 |
| 201130 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The urinal dimensions are not compliant.</p> <p>Men's Restroom</p> <p>Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges.</p> | 3 | \$ 935 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|--|----------|---------------|
| 201131 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The lavatory does not have the required knee clearance.</p> <p>Men's Restroom</p> <p>Relocate the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p> | 3 | \$ 720 |
| 201132 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The shelf is not located between 40" minimum and 48" maximum above finish floor.</p> <p>Men's Restroom</p> <p>Relocate a shelf to 40" minimum and 48" maximum above finish floor.</p> | 3 | \$ 200 |
| 201133 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Men's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 200 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201134 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum.</p> | 5 | \$ 7,181 |
| 201135 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The door has less than 32" clear width.</p> <p>Men's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 5 | \$ 1,124 |
| 201136 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The required clearance at the entry to the transfer stall is not provided.</p> <p>Men's Restroom</p> <p>Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.</p> | 5 | \$ 3,000 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|---------------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201137 | Building 1-Public Works MOC / INTERIOR | Locker and Dressing Rooms | The locker room does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | \$ 789 |
| 202487 | Building 1-Public Works MOC / INTERIOR | Restroom | The locker area does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 5 | \$ 500 |
| 201092 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. North Corridor Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 201093 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". North Corridor Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 676 |

| BUILDING 11 DECANT FACILITY | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201095 | Building 1-Public Works MOC / EXTERIOR | Site Furnishings | A trash receptacle is not located on an accessible route and within reach range. North Elevation Trash Receptacles Relocate the existing trash receptacle to either the edge of an accessible route or on the accessible route so that the receptacle opening is within reach range. Where a space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | \$ 2,000 |
| 201051 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 201052 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking lot P1 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 280 |
| 201054 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |

| BUILDING 11 DECANT FACILITY | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201055 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | <p>The access aisle slope is greater than 1:50 (2%).</p> <p>Parking lot P1</p> <p>Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Van accessible access aisle will be 96" wide with measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 5,000 |
| 201057 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | <p>The parking space slope is greater than 1:50 (2%).</p> <p>Parking lot P1</p> <p>Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 6,300 |
| 201066 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking lot P2</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 1,400 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201094 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking lot P3</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 1,400 |
| 201075 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the ramp are not compliant.</p> <p>Ramp RP1</p> <p>The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".</p> | 1 | \$ 13,240 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201076 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp RP1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for</p> | 1 | \$ 6,520 |
| 201090 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the ramp are not compliant.</p> <p>Ramp RP2 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".</p> | 1 | \$ 13,240 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|---|----------|---------------|
| 201091 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp RP2</p> <p>Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for</p> | 1 | \$ 7,172 |
| 201100 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Reception Area</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|---------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201098 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach.</p> <p>Reception/Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.</p> | 2 | \$ 1,804 |
| 201142 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The height of controls throughout the common area are not compliant.</p> <p>Shop Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201148 | Building 1-Public Works MOC / INTERIOR | Kitchen | <p>The kitchen sink does not have knee and toe clearance.</p> <p>Shop</p> <p>Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.</p> | 5 | \$ 720 |
| 201062 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the exterior accessible route are not compliant.</p> <p>Sidewalk between CR1 and CR2</p> <p>Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 1,189 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201060 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the exterior accessible route are not compliant.</p> <p>Sidewalk Leading to Main Entrance</p> <p>Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 2,973 |
| 201144 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The threshold at the accessible door is greater than ½" in height.</p> <p>South Elevation Shop Exterior Door</p> <p>Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]</p> | 1 | \$ 179 |
| 201096 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48".</p> <p>South Elevation-Shop Exterior Door</p> <p>Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 1 | \$ 676 |
| 201097 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>South Elevation-Shop Exterior Door</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | \$ 1,250 |
| 201067 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Steps do not have uniform and compliant riser heights and/or tread depths.</p> <p>Stairs ST1</p> <p>Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.</p> | 1 | \$ 918 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|---|----------|---------------|
| 201068 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST1</p> <p>Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 1,956 |
| 201069 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stairs ST2</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | \$ 140 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|---|----------|---------------|
| 201070 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST2</p> <p>Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 1,956 |
| 201071 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Stairs have open risers.</p> <p>Stairs ST2</p> <p>Replace with compliant stairs that have closed risers. Open risers are not permitted.</p> | 1 | \$ 3,360 |
| 201072 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stairs ST3</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | \$ 140 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|---|----------|---------------|
| 201073 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST3</p> <p>Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 1,956 |
| 201074 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Stairs have open risers.</p> <p>Stairs ST3</p> <p>Replace with compliant stairs that have closed risers. Open risers are not permitted.</p> | 1 | \$ 3,360 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|---|----------|---------------|
| 201141 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST4-Shop</p> <p>Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.</p> | 5 | \$ 1,956 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201145 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST5- Shop</p> <p>Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.</p> | 5 | \$ 4,890 |
| 201146 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>Stairs have open risers.</p> <p>Stairs ST5- Shop</p> <p>Replace with compliant stairs that have closed risers. Open risers are not permitted.</p> | 5 | \$ 8,400 |
| 201143 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Throughout building</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 2,184 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|---|----------|---------------|
| 201108 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth.</p> <p>Throughout building</p> <p>Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]</p> | 2 | \$ 690 |
| 201099 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48".</p> <p>Throughout building</p> <p>Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 1 | \$ 6,446 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|---------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201101 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The work surface is not compliant.</p> <p>Throughout building</p> <p>Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.</p> | 2 | \$ 2,061 |
| 201102 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The height of controls throughout the common area are not compliant.</p> <p>Throughout building</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 1,000 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201103 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Throughout building</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 460 |
| 201087 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.</p> <p>Waste Water Office Exterior Door</p> <p>Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.</p> | 1 | \$ 366 |
| 201077 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth.</p> <p>Waste Water Office Exterior Door</p> <p>Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,]</p> | 2 | \$ 115 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------------------|--|----------|---------------|
| 201078 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48".</p> <p>Waste Water Office Exterior Door</p> <p>Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 1 | \$ 676 |
| 201079 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth.</p> <p>Water Office Exterior Door</p> <p>Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,]</p> | 2 | \$ 400 |
| 201086 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.</p> <p>Water Office Exterior Door</p> <p>Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.</p> | 1 | \$ 366 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|---------|---|----------|---------------|
| 201110 | Building 1-Public Works MOC / INTERIOR | Kitchen | <p>The kitchen sink does not have knee and toe clearance.</p> <p>Water Quality Lab</p> <p>Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.</p> | 5 | \$ 720 |
| 203044 | Building 1-Public Works MOC / INTERIOR | Kitchen | <p>The height of the counter is greater than 34".</p> <p>Water Quality Lab</p> <p>Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p> | 5 | \$ 1,986 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201111 | Building 1-Public Works MOC | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Water Quality Office Exterior Door Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 201080 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Water Quality Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 676 |
| 201081 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Water Quality Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | \$ 115 |
| 201085 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Water Quality Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201106 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.</p> <p>Water Quality Room</p> <p>Relocate at least on coat hook to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum.</p> <p>[EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 115 |
| 201107 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The work surface is not compliant.</p> <p>Water Quality Room</p> <p>Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.</p> | 2 | \$ 14,427 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201109 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Water-waste Quality Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 200 |
| 201112 | Building 1-Public Works MOC / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 201113 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 201114 | Building 1-Public Works MOC / INTERIOR | Restroom | The rear grab bar in the wheelchair stall is not compliant. Women's Restroom Remove and install a compliant rear grab bar in the wheelchair stall. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 355 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201115 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The side grab bar is not compliant in the wheelchair stall.</p> <p>Women's Restroom</p> <p>Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 355 |
| 201116 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The water closet in a single user / unisex restroom does not have the required clearance.</p> <p>Women's Restroom</p> <p>Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 1,368 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|--|----------|---------------|
| 201117 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>Women's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 3 | \$ 293 |
| 201118 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The paper towel dispenser or dryer location is not compliant.</p> <p>Women's Restroom</p> <p>Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].</p> | 3 | \$ 200 |
| 201119 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>Women's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 115 |

BUILDING 11 DECANT FACILITY

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|---|----------|---------------|
| 201120 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The door has less than 32" clear width.</p> <p>Women's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 3 | \$ 1,124 |
| 201121 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Women's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum</p> | 5 | \$ 7,181 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201122 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>A transfer seat is provided but is not compliant.</p> <p>Women's Restroom</p> <p>Provide a compliant folding or non-folding seat. The cost for this barrier removal is covered in Barrier ID 201121 and should be done in conjunction with Barrier ID 201121. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor.</p> | 5 | \$ - |
| 201123 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The provided signage does not have raised or indented characters or pictograph symbols.</p> <p>Women's Restroom</p> <p>Remove and replace signage with compliant signage. The signage shall have the International Symbol of Accessibility for accessible restrooms, if not all restrooms are accessible. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case. Characters shall be uppercase. Style. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110% maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Install compliant signage with raised characters and Braille on the latch side of the door at compliant heights. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Signage shall include the International Symbol of Accessibility (ISA) where not all restrooms in the facility are accessible. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open position.</p> | 3 | \$ 55 |
| 201138 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Women's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 200 |

| BUILDING 11 DECANT FACILITY | | | | | |
|-----------------------------|--|----------|--|----------|-------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202486 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The locker area does not have a compliant bench.</p> <p>Women's Restroom</p> <p>Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.</p> | 5 | \$ 500 |
| TOTAL ESTIMATED COST | | | | | \$ 204,834 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201059 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>A compliant accessible route is not provided from the property line to the site facilities. Access from public sidewalk to P1 Provide an accessible route from accessible parking spaces, passenger loading zones, public streets, public sidewalks, and public transportation stops. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks; and public transportation stops to the accessible building or facility entrance they serve. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 991 |
| 201050 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the exterior accessible route are not compliant. Access Route From P1 to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 3,567 |
| 201082 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | <p>The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Administration Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 1 | \$ 676 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
|-----------------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201084 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Administration Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 201061 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Building 1 Main Entrance Door Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202484 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Building 1 Main Entrance Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | \$ 366 |
| 202485 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Building 1 Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 201058 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Curb Ramp CR1 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | \$ 1,750 |
| 201089 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The clear width of the exterior accessible route is less than 44". East Elevation - Route Adjacent to Administration Exterior Door Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 554 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201088 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The clear width of the exterior accessible route is less than 44".</p> <p>East Elevation - Route from RP1 to offices Exterior Doors</p> <p>Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ - |
| 201104 | Building 1-Public Works MOC / INTERIOR | Kitchen | <p>The kitchen sink does not have knee and toe clearance.</p> <p>Employees Break-Room</p> <p>Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.</p> | 5 | \$ 720 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201105 | Building 1-Public Works MOC / INTERIOR | Common Areas | <p>The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.</p> <p>Employees Break-Room Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 5 | \$ 5,439 |
| 201139 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Employees Break-Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
|-----------------------------|--|----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203043 | Building 1-Public Works MOC / INTERIOR | Kitchen | The height of the counter is greater than 34". Employees Break-Room Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | \$ 1,986 |
| 201140 | Building 1-Public Works MOC | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Exterior Patio Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 201083 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Main Entrance Door Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility, | 1 | \$ 120 |
| 201124 | Building 1-Public Works MOC / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
|-----------------------------|--|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201125 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 201126 | Building 1-Public Works MOC / INTERIOR | Restroom | The side grab bar is not compliant in the wheelchair stall. Men's Restroom Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). .[ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 355 |
| 201127 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 201128 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: The paper towel dispenser or dryer location is not compliant. Men's Restroom Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed]. | 3 | \$ 200 |
| 201129 | Building 1-Public Works MOC / INTERIOR | Restroom | The wheelchair stall door is not self closing. Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | \$ 293 |
| 201130 | Building 1-Public Works MOC / INTERIOR | Restroom | The urinal dimensions are not compliant. Men's Restroom Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges. | 3 | \$ 935 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|--|----------|---------------|
| 201131 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The lavatory does not have the required knee clearance.</p> <p>Men's Restroom</p> <p>Relocate the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p> | 3 | \$ 720 |
| 201132 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The shelf is not located between 40" minimum and 48" maximum above finish floor.</p> <p>Men's Restroom</p> <p>Relocate a shelf to 40" minimum and 48" maximum above finish floor.</p> | 3 | \$ 200 |
| 201133 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Men's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 200 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|--|----------|---------------|
| 201134 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab</p> | 5 | \$ 7,181 |
| 201135 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The door has less than 32" clear width.</p> <p>Men's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 5 | \$ 1,124 |
| 201136 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The required clearance at the entry to the transfer stall is not provided.</p> <p>Men's Restroom</p> <p>Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.</p> | 5 | \$ 3,000 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
|-----------------------------|--|---------------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201137 | Building 1-Public Works MOC / INTERIOR | Locker and Dressing Rooms | The locker room does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | \$ 789 |
| 202487 | Building 1-Public Works MOC / INTERIOR | Restroom | The locker area does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 5 | \$ 500 |
| 201092 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. North Corridor Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 201093 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". North Corridor Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 676 |
| 201095 | Building 1-Public Works MOC / EXTERIOR | Site Furnishings | A trash receptacle is not located on an accessible route and within reach range. North Elevation Trash Receptacles Relocate the existing trash receptacle to either the edge of an accessible route or on the accessible route so that the receptacle opening is within reach range. Where a space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | \$ 2,000 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201051 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 201052 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking lot P1 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 280 |
| 201054 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |
| 201055 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Van accessible access aisle will be 96" wide with measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 201057 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201066 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking lot P2</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 1,400 |
| 201094 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking lot P3</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 1,400 |
| 201075 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the ramp are not compliant.</p> <p>Ramp RP1</p> <p>The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".</p> | 1 | \$ 13,240 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201076 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp RP1</p> <p>Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 6,520 |
| 201090 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the ramp are not compliant.</p> <p>Ramp RP2</p> <p>The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".</p> | 1 | \$ 13,240 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201091 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp RP2</p> <p>Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 7,172 |
| 201100 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Reception Area</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|---------------------|--|----------|---------------|
| 201098 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach.</p> <p>Reception/Front Desk</p> <p>Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.</p> | 2 | \$ 1,804 |
| 201142 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The height of controls throughout the common area are not compliant.</p> <p>Shop</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201148 | Building 1-Public Works MOC / INTERIOR | Kitchen | <p>The kitchen sink does not have knee and toe clearance.</p> <p>Shop</p> <p>Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.</p> | 5 | \$ 720 |
| 201062 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the exterior accessible route are not compliant.</p> <p>Sidewalk between CR1 and CR2</p> <p>Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 1,189 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201060 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Sidewalk Leading to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 2,973 |
| 201144 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. South Elevation Shop Exterior Door Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 201096 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". South Elevation-Shop Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 676 |
| 201097 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. South Elevation-Shop Exterior Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 201067 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | Steps do not have uniform and compliant riser heights and/or tread depths. Stairs ST1 Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum. | 1 | \$ 918 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201068 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST1</p> <p>Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".]</p> <p>Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 1,956 |
| 201069 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stairs ST2</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | \$ 140 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201070 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST2</p> <p>Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".]</p> <p>Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 1,956 |
| 201071 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Stairs have open risers.</p> <p>Stairs ST2</p> <p>Replace with compliant stairs that have closed risers. Open risers are not permitted.</p> | 1 | \$ 3,360 |
| 201072 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stairs ST3</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | \$ 140 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201073 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST3</p> <p>Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".]</p> <p>Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 1,956 |
| 201074 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | <p>Stairs have open risers.</p> <p>Stairs ST3</p> <p>Replace with compliant stairs that have closed risers. Open risers are not permitted.</p> | 1 | \$ 3,360 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 201141 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST4-Shop</p> <p>Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.</p> | 5 | \$ 1,956 |
| 201145 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Stairs ST5- Shop</p> <p>Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.</p> | 5 | \$ 4,890 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201146 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | Stairs have open risers. Stairs ST5- Shop Replace with compliant stairs that have closed risers. Open risers are not permitted. | 5 | \$ 8,400 |
| 201143 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Throughout building Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 2,184 |
| 201108 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Throughout building Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 2 | \$ 690 |
| 201099 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Throughout building Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 6,446 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201101 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The work surface is not compliant.</p> <p>Throughout building</p> <p>Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.</p> | 2 | \$ 2,061 |
| 201102 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The height of controls throughout the common area are not compliant.</p> <p>Throughout building</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 1,000 |
| 201103 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Throughout building</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 460 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201087 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Waste Water Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 201077 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Waste Water Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | \$ 115 |
| 201078 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Waste Water Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 676 |
| 201079 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Water Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | \$ 400 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201086 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Water Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 201110 | Building 1-Public Works MOC / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Water Quality Lab Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | \$ 720 |
| 203044 | Building 1-Public Works MOC / INTERIOR | Kitchen | The height of the counter is greater than 34". Water Quality Lab Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | \$ 1,986 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201111 | Building 1-Public Works MOC | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Water Quality Office Exterior Door Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 201080 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Water Quality Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 676 |
| 201081 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Water Quality Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | \$ 115 |
| 201085 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Water Quality Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
|-----------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201106 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.</p> <p>Water Quality Room</p> <p>Relocate at least on coat hook to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 115 |
| 201107 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | <p>The work surface is not compliant.</p> <p>Water Quality Room</p> <p>Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.</p> | 2 | \$ 14,427 |
| 201109 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Water-waste Quality Room</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 5 | \$ 200 |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
|-----------------------------|--|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201112 | Building 1-Public Works MOC / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 201113 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 201114 | Building 1-Public Works MOC / INTERIOR | Restroom | The rear grab bar in the wheelchair stall is not compliant. Women's Restroom Remove and install a compliant rear grab bar in the wheelchair stall. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 355 |
| 201115 | Building 1-Public Works MOC / INTERIOR | Restroom | The side grab bar is not compliant in the wheelchair stall. Women's Restroom Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 355 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|--|----------|---------------|
| 201116 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The water closet in a single user / unisex restroom does not have the required clearance.</p> <p>Women's Restroom</p> <p>Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 1,368 |
| 201117 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>Women's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 3 | \$ 293 |
| 201118 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The paper towel dispenser or dryer location is not compliant.</p> <p>Women's Restroom</p> <p>Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].</p> | 3 | \$ 200 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|--|----------|---------------|
| 201119 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>Women's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 115 |
| 201120 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The door has less than 32" clear width.</p> <p>Women's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 3 | \$ 1,124 |

BUILDING 1-PUBLIC WORKS MOC

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|---|----------|---------------|
| 201121 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON. The transfer shower stall is not compliant.</p> <p>Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 2 1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab</p> | 5 | \$ 7,181 |
| 201122 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>A transfer seat is provided but is not compliant.</p> <p>Women's Restroom Provide a compliant folding or non-folding seat. The cost for this barrier removal is covered in Barrier ID 201121 and should be done in conjunction with Barrier ID 201121. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor.</p> | 5 | \$ - |

| BUILDING 1-PUBLIC WORKS MOC | | | | | |
|-----------------------------|--|----------|---|----------|-------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201123 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The provided signage does not have raised or indented characters or pictograph symbols.</p> <p>Women's Restroom</p> <p>Remove and replace signage with compliant signage. The signage shall have the International Symbol of Accessibility for accessible restrooms, if not all restrooms are accessible. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case. Characters shall be uppercase. Style. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110% maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Install compliant signage with raised characters and Braille on the latch side of the door at compliant heights. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Signage shall include the International Symbol of Accessibility (ISA) where not all restrooms in the facility are accessible. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open position.</p> | 3 | \$ 55 |
| 201138 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Women's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 200 |
| 202486 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The locker area does not have a compliant bench.</p> <p>Women's Restroom</p> <p>Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.</p> | 5 | \$ 500 |
| TOTAL ESTIMATED COST | | | | | \$ 184,632 |

| BUILDING 3 - FACILITIES WORKGROUP MODULAR | | | | | |
|---|--|----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201667 | Building 3-Facilities Workgroup Modular / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. 2nd Main Entrance Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 \$ | 1,250 |
| 201691 | Building 3-Facilities Workgroup Modular / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Defibrillator Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 \$ | 500 |
| 201688 | Building 3-Facilities Workgroup Modular / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Employees Break Room Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 \$ | 720 |
| 201690 | Building 3-Facilities Workgroup Modular / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Employees Break Room Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 \$ | 1,250 |
| 201689 | Building 3-Facilities Workgroup Modular / EXTERIOR | Picnic Area | A compliant picnic table is not provided. Employees Break Room Patio Provide a compliant picnic table that allows a clear space of 30" x 48" positioned for forward approach. The table must provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Wheelchair spaces shall adjoin accessible routes. Accessible routes and circulation paths shall not overlap wheelchair spaces. Provide a picnic table with a surface at minimum 26" and maximum 34" height. Clear space shall be maximum 2.08% in all directions and a firm and stable surface. | 4 \$ | 1,300 |
| 201666 | Building 3-Facilities Workgroup Modular / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. First Main Entrance Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 \$ | 1,250 |
| 201679 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 \$ | 55 |
| 201680 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 \$ | 355 |
| 201681 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The side grab bar at the water closet is not compliant. Men's Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 \$ | 355 |
| 201682 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The wheelchair stall door is not self closing. Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 \$ | 293 |
| 201683 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 \$ | 115 |
| 201684 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 \$ | 65 |
| 201685 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 \$ | 200 |

| BUILDING 3 - FACILITIES WORKGROUP MODULAR | | | | | |
|---|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201686 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |
| 201662 | Building 3-Facilities Workgroup Modular / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |
| 201661 | Building 3-Facilities Workgroup Modular / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp R-1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 6,194 |
| 201665 | Building 3-Facilities Workgroup Modular / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Ramp R-1 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 99 |
| 201663 | Building 3-Facilities Workgroup Modular / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair ST1 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | \$ 105 |
| 201664 | Building 3-Facilities Workgroup Modular / EXTERIOR | Exterior Access Route | Handrails are not compliant. Stairs ST1 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 1,630 |
| 201668 | Building 3-Facilities Workgroup Modular / INTERIOR | Employee Work Areas | Clear space is not provided at the control or operating mechanism. Thermostat control Provide compliant clear floor space at each control and operating mechanism that allows a forward or a parallel approach. The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. For a forward approach, alcoves shall be 36" wide minimum where the depth exceeds 24". For a parallel approach, alcoves shall be 60" wide minimum where the depth exceeds 15". Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] | 1 | \$ - |
| 201669 | Building 3-Facilities Workgroup Modular / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Thermostat control Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 500 |
| 201670 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 201671 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |

| BUILDING 3 - FACILITIES WORKGROUP MODULAR | | | | | |
|---|--|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201672 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Women's Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 \$ | 313 |
| 201673 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 \$ | 200 |
| 201674 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 \$ | 65 |
| 201675 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 \$ | 293 |
| 201676 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | WASHINGTON: The paper towel dispenser or dryer location is not compliant. Women's Restroom Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed]. | 3 \$ | 200 |
| 201677 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Women's Restroom Relocate closet to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 \$ | 200 |
| 201678 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The side grab bar at the water closet is not compliant. Women's Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 \$ | 355 |
| TOTAL ESTIMATED COST | | | | \$ | 19,872 |

| BUILDING 5 CENTRAL STORES WAREHOUSE | | | | | |
|-------------------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 206467 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | Clear space is not provided at the operable part. Adjacent to Door D-1 Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance. | 3 | \$ 215 |
| 206468 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | Clear space is not provided at the operable part. Adjacent to Door D-2 Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance. | 3 | \$ 215 |
| 206035 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Door D-1 Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility, | 1 | \$ 120 |
| 201642 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | The push side of the accessible door does not have the required maneuvering clearances. Door D-1 Redesign to provide the required maneuvering clearance at the push side of the door. This barrier must be removed in conjunction with barrier ID 206040. The cost of this barrier removal is covered under ID 206040 and therefore, the cost of this ID is shown as \$0. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 0" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ - |
| 201643 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | The push side of the accessible door does not have the required maneuvering clearances. Door D-2 Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 0" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 206477 | Building 5 Central Stores Warehouse / EXTERIOR | Signage | Signage directing pedestrians to the nearest accessible building entrance on an accessible route is not present. Door D-2 Where not all entrances comply, compliant entrances shall be identified by the compliant International Symbol of Accessibility. Compliant directional signs that indicate the location of the nearest compliant entrance complying shall be provided at entrances that do not comply. | 4 | \$ 280 |
| 201660 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Door D-3 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 206018 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Door D-3 Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 206036 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | Elements located from 27" to 80" high protrude more than 4" into the accessible route. Near Stair ST-2 Objects with leading edges more than 27 inches and not more than 80 inches above the floor shall protrude 4 inches maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2 inches maximum.] overhang 4 inches maximum where more than 27 inches and not more than 80 inches above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches shall have the lowest edge of such object either 27 inches maximum or 80 inches minimum above the floor. [EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply.] Vertical clearance shall be 80 inches minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches. The leading edge of such rails or barrier shall be located 27 inches maximum above the floor. [EXCEPTION: Door closers and door stops shall be permitted to be 78 inches minimum above the floor.] Protruding objects shall not reduce the clear width required for accessible routes. | 2 | \$ 728 |
| 201645 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Office Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 293 |
| 201646 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. On Route from Main Entrance to Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 201647 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | Elements located from 27" to 80" high protrude more than 4" into the accessible route. On Route from Main Entrance to Restroom Objects with leading edges more than 27 inches and not more than 80 inches above the floor shall protrude 4 inches maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2 inches maximum.] overhang 4 inches maximum where more than 27 inches and not more than 80 inches above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches shall have the lowest edge of such object either 27 inches maximum or 80 inches minimum above the floor. [EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply.] Vertical clearance shall be 80 inches minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches. The leading edge of such rails or barrier shall be located 27 inches maximum above the floor. [EXCEPTION: Door closers and door stops shall be permitted to be 78 inches minimum above the floor.] Protruding objects shall not reduce the clear width required for accessible routes. | 2 | \$ 728 |
| 206020 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. On Route from Main Entrance to Restroom Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 250 |

| BUILDING 5 CENTRAL STORES WAREHOUSE | | | | | |
|-------------------------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201640 | Building 5 Central Stores Warehouse / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant.</p> <p>Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 11,860 |
| 206040 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>The ramp is required but not provided.</p> <p>Ramp R-1 Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. This barrier must be removed in conjunction with barrier ID 201642. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.</p> | 1 | \$ 11,916 |
| 206041 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp R-1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 36" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 3,260 |
| 201648 | Building 5 Central Stores Warehouse / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | \$ 55 |

| BUILDING 5 CENTRAL STORES WAREHOUSE | | | | | |
|-------------------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201657 | Building 5 Central Stores Warehouse / INTERIOR | Restroom | <p>The entire restroom is not compliant due to limited room dimensions.</p> <p>Restroom</p> <p>Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above</p> | 3 | \$ 12,000 |
| 201658 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Stair ST-1</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, provide a second set of handrails with a minimum 9" between lower and higher rail, and the lower rail 28" max. from the walking surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 6,520 |
| 201659 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Stair ST-2</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, provide a second set of handrails with a minimum 9" between lower and higher rail, and the lower rail 28" max. from the walking surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 6,520 |
| 206469 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stairs ST-3</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | \$ 70 |
| 206470 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>Steps do not have uniform and compliant riser heights and/or tread depths.</p> <p>Stairs ST-3</p> <p>Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.</p> | 1 | \$ 382 |

BUILDING 5 CENTRAL STORES WAREHOUSE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|-----------------------------|--|-----------------------|--|----------|------------------|
| 206471 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant or are not provided.</p> <p>Stairs ST-3</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 1,956 |
| TOTAL ESTIMATED COST | | | | | \$ 60,775 |

| NG 8 PARKS MOC | | | | | |
|----------------|---------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202194 | Building 8 Parks MOC / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Corridor Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 202197 | Building 8 Parks MOC / INTERIOR | Common Areas | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. 1st Floor Corridor Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | \$ 5,439 |
| 202200 | Building 8 Parks MOC / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. 2nd Floor Corridor Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 500 |
| 202215 | Building 8 Parks MOC / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Corridor Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 202217 | Building 8 Parks MOC / INTERIOR | Employee Work Areas | The work surface is not compliant. 2nd Floor Files Room Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 2 | \$ 1,030 |
| 202201 | Building 8 Parks MOC / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. 2nd Floor Office Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 500 |
| 202216 | Building 8 Parks MOC / INTERIOR | Employee Work Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 2nd Floor Service Counter Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 9,624 |

| NG 8 PARKS MOC | | | | | |
|----------------|---------------------------------|----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202203 | Building 8 Parks MOC / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 2nd Floor Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 202204 | Building 8 Parks MOC / INTERIOR | Restroom | The door has less than 32" clear width. 2nd Floor Unisex Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] The entire restroom is not compliant due to limited room dimensions. | 3 | \$ 1,124 |
| 202205 | Building 8 Parks MOC / INTERIOR | Restroom | 2nd Floor Unisex Restroom Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above | 3 | \$ 12,000 |
| 202202 | Building 8 Parks MOC / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. 2nd Floor Upper Office Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 500 |
| 202187 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. East Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 202188 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. East Main Entrance Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | \$ 366 |

| NG 8 PARKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202199 | Building 8 Parks MOC / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Employees Break-room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 500 |
| 202196 | Building 8 Parks MOC / INTERIOR | Kitchen | The height of the counter is greater than 34". Employees Break-room Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 2 | \$ 1,986 |
| 203065 | Building 8 Parks MOC / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Employees Break-room Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 202220 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Employees Break-room Exterior Doors Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 2,500 |
| 202221 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Employees Break-room Patio Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 832 |
| 202222 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Employees Break-room Patio Gate Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | \$ 160 |
| 202223 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped. Employees Break-room Patio Gate The sidewalk should be removed (sections that are heaved, cracked etc) and repaired. Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Changes in level greater than 1/2" shall be ramped. | 1 | \$ 99 |
| 202191 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Front (South) Sidewalk Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 432 |
| 202224 | Building 8 Parks MOC / INTERIOR | Common Areas | The dryer controls are not within reach range. Laundry Closet Replace the dryer with a unit that has controls within an obstructed high reach range. If three or fewer dryers are present, at least one dryer shall be compliant. If more than three are present, at least two dryers shall be compliant. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | \$ - |
| 202192 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Main Front Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 202193 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Main Front Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | \$ 366 |

| NG 8 PARKS MOC | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202189 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Main Front Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202190 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Main Front Door Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility, | 1 | \$ 120 |
| 202169 | Building 8 Parks MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 202170 | Building 8 Parks MOC / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 202171 | Building 8 Parks MOC / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |
| 202172 | Building 8 Parks MOC / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 202173 | Building 8 Parks MOC / INTERIOR | Restroom | A transfer seat is provided but is not compliant. Men's Restroom Provide a compliant folding or non-folding seat. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor. | 3 | \$ 604 |
| 202174 | Building 8 Parks MOC / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |
| 202198 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. North Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 202178 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | WASHINGTON: Compliant signage is not provided at the standard space. Parking Lot P1 Provide a mounted sign for an accessible standard car stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 280 |

| NG 8 PARKS MOC | | | | | |
|----------------|---------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202179 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Lot P1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 202180 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The slope of the parking space is greater than 1:50 (2%). Parking Lot P1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 202181 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Lot P1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 204992 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |
| 202182 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot P2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |
| 202183 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Lot P2 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 202184 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Lot P2 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 202185 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST 1 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | \$ 563 |
| 202186 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | Handrails are not compliant. Stairs ST 1 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administering local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 326 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202162 | Building 8 Parks MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 202163 | Building 8 Parks MOC / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 202164 | Building 8 Parks MOC / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |
| 202165 | Building 8 Parks MOC / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 202166 | Building 8 Parks MOC / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 202167 | Building 8 Parks MOC / INTERIOR | Restroom | A shower seat is not provided. Women's Restroom A shower seat is not required, unless the shower is located in transient lodging. Where a seat is provided in a standard roll-in shower compartment, it shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3" of the compartment entry A folding seat shall be provided in roll-in type showers required in transient lodging guest rooms with mobility features. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor. The rear edge of a rectangular seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the adjacent wall. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. | 3 | \$ 604 |
| 202168 | Building 8 Parks MOC / INTERIOR | Restroom | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Women's Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| TOTAL ESTIMATED COST | | | | | \$ 80,513 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200172 | City Hall / INTERIOR | Site Furnishings | <p>The vending machines have operable parts which are not within reach range.</p> <p>1st Floor</p> <p>Where provided, at least one of each type of depository, vending machine, change machine, and fuel dispenser shall comply. A clear floor or ground space shall be provided. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> | 2 | \$ 16,270 |
| 200170 | City Hall / INTERIOR | Interior Access Route | <p>1st Floor Circulation Path</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 1,456 |
| 200222 | City Hall / INTERIOR | Interior Access Route | <p>The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.</p> <p>1st Floor Conference Rooms</p> <p>Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p> <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> | 2 | \$ 385 |
| 200224 | City Hall / INTERIOR | Interior Access Route | <p>1st Floor Conference Rooms</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 728 |
| 200171 | City Hall / INTERIOR | Interior Access Route | <p>1st Floor Kitchenette</p> <p>Install cane detectors. This barrier must be removed in conjunction with barrier ID 200556. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> <p>Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor.</p> | 1 | \$ 728 |
| 200556 | City Hall / INTERIOR | Interior Access Route | <p>1st Floor Kitchenette</p> <p>Remove and lower to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200171. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.]</p> <p>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> <p>The locker area does not have a compliant bench.</p> | 2 | \$ 200 |
| 200178 | City Hall / INTERIOR | Restroom | <p>1st Floor Men's & Women's Locker Rooms</p> <p>Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.</p> | 3 | \$ 3,000 |
| 200180 | City Hall / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>1st Floor Men's & Women's Locker Rooms</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 3 | \$ 710 |
| 200181 | City Hall / INTERIOR | Restroom | <p>The hardware at the wheelchair stall door is not compliant.</p> <p>1st Floor Men's & Women's Locker Rooms</p> <p>Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 3 | \$ 586 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200182 | City Hall / INTERIOR | Restroom | The coat hook is not within an allowable reach range. 1st Floor Men's & Women's Locker Rooms Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 230 |
| 200167 | City Hall / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 400 |
| 200162 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Men's & Women's Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 200165 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |
| 200516 | City Hall / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. 1st Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] The required clearance at the entry to the transfer stall is not provided. | 3 | \$ 586 |
| 200183 | City Hall / INTERIOR | Restroom | 1st Floor Men's Locker Room Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided. | 3 | \$ 3,000 |
| 200166 | City Hall / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 200163 | City Hall / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor Men's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 200164 | City Hall / INTERIOR | Restroom | The height of the water closet is not 17" minimum to 19" maximum above finished floor. 1st Floor Men's Restroom Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |
| 200173 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200174 | City Hall / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. 1st Floor Unisex Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 115 |
| 200175 | City Hall / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st Floor Unisex Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 200 |
| 200234 | City Hall / INTERIOR | Restroom | <p>The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor Women's Restroom</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 3 | \$ 1,250 |
| 200194 | City Hall / INTERIOR | Interior Access Route | <p>The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 2nd Floor - Douglas Fir Room & Bear Creek Room</p> <p>Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p> | 2 | \$ 110 |
| 200185 | City Hall / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Circulation Path</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 728 |
| 200186 | City Hall / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Circulation Path</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 728 |
| 200189 | City Hall / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 2nd Floor Men's & Women's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 400 |
| 200190 | City Hall / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. 2nd Floor Men's & Women's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 230 |

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|------------|----------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200191 | City Hall / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. 2nd Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 200192 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 2nd Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |
| 200193 | City Hall / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. 2nd Floor Storage Room Relocate the shelving to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 200 |
| 200187 | City Hall / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 200557. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 200557 | City Hall / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 200202 | City Hall / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 3rd Floor Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 605 |
| 200206 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 3rd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 200204 | City Hall / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. 3rd Floor Elevator Lobby Area Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 1,098 |
| 200195 | City Hall / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 3rd Floor Elevator Lobby Area Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200203 | City Hall / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>3rd Floor Kitchenette</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> <p>The coat hook is not within an allowable reach range.</p> <p>3rd Floor Men's & Women's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 1 | \$ 728 |
| 200197 | City Hall / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>3rd Floor Men's & Women's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 230 |
| 200198 | City Hall / INTERIOR | Restroom | <p>The hardware at the wheelchair stall door is not compliant.</p> <p>3rd Floor Men's & Women's Restroom</p> <p>Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 3 | \$ 400 |
| 200199 | City Hall / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>3rd Floor Men's & Women's Restroom</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 3 | \$ 586 |
| 200200 | City Hall / INTERIOR | Restroom | <p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.</p> <p>3rd Floor Men's & Women's Restroom</p> <p>Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 710 |
| 200201 | City Hall / INTERIOR | Restroom | <p>The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.</p> <p>3rd Floor Men's Restroom</p> <p>Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.</p> | 3 | \$ 1,260 |
| 200196 | City Hall / INTERIOR | Restroom | <p>The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.</p> <p>3rd Floor Service Desk</p> <p>Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]</p> | 3 | \$ 366 |
| 200207 | City Hall / INTERIOR | Common Areas | <p>The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.</p> <p>3rd Floor Service Desk</p> <p>Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]</p> | 2 | \$ 1,804 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200216 | City Hall / INTERIOR | Interior Access Route | <p>The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.</p> <p>4th Floor</p> <p>Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p> | 2 | \$ 275 |
| 200219 | City Hall / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>4th Floor Circulation Path</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 1,456 |
| 200211 | City Hall / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>4th Floor Men's & Women's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 400 |
| 200212 | City Hall / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>4th Floor Men's & Women's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> <p>The hardware at the wheelchair stall door is not compliant.</p> <p>4th Floor Men's & Women's Restroom</p> <p>Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 3 | \$ 230 |
| 200213 | City Hall / INTERIOR | Restroom | <p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.</p> <p>4th Floor Men's & Women's Restroom</p> <p>Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 586 |
| 200214 | City Hall / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>4th Floor Men's & Women's Restroom</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 3 | \$ 1,260 |
| 200215 | City Hall / INTERIOR | Restroom | <p>The threshold at the accessible door is greater than 1/2" in height.</p> <p>4th Floor Terrace</p> | 3 | \$ 710 |
| 200218 | City Hall / EXTERIOR | Entrance to Building | <p>Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]</p> | 1 | \$ 179 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200209 | City Hall / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Accounts Payable</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> <p>The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.</p> <p>Council Chambers</p> <p>Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]</p> | 1 | \$ 728 |
| 200150 | City Hall / INTERIOR | Common Areas | <p>Assembly areas do not provide compliant aisle seats.</p> <p>Council Chambers</p> <p>Provide a minimum of 5% of the total number of aisle seats as aisle seats designated as accessible. Accessible aisle seats shall be the aisle seats located closest to accessible routes, and shall be dispersed among types of seating available to the public. Where armrests are provided on the seating in the immediate area, folding or retractable armrests shall be provided on the aisle side of the designated accessible aisle seat. Each designated aisle seat shall be identified by a sign or marker.</p> | 2 | \$ 1,804 |
| 200151 | City Hall / INTERIOR | Common Areas | <p>Assistive listening signage is not compliant or is not provided.</p> <p>Council Chambers</p> <p>Provide assistive listening signage. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems].</p> | 2 | \$ 330 |
| 200231 | City Hall / INTERIOR | Common Areas | <p>The assistive listening device is not compliant or is not provided.</p> <p>Council Chambers</p> <p>Provide 3 additional assistive listening devices per the table at the bottom. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. Receivers required for use with an assistive listening system shall include a 1/8" standard mono jack. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neck loops. Neck loops and headsets that can be worn as neck loops are compatible with hearing aids. Receivers that are not compatible include earbuds, which may require removal of hearing aids, earphones, and headsets that must be worn over the ear, which can create disruptive interference in the transmission and can be uncomfortable for people wearing hearing aids. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech. For 50 or less seating capacity, provide a minimum of 2 receivers, both of which shall be hearing-aid compatible. For 51 to 200 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum two receivers which shall be hearing-aid compatible. For 201 to 500 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 501 to 1000 seating capacity, provide a minimum of 20 receivers, plus 1 per 33 seats over 500 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 1001 to 2000 seating capacity, provide a minimum of 35 receivers, plus 1 per 50 seats over 1000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 2001 and over seating capacity, provide a minimum of 55 receivers, plus 1 per 100 seats over 2000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible.</p> | 3 | \$ 55 |
| 200232 | City Hall / INTERIOR | Common Areas | <p>The coat hook is not within an allowable reach range.</p> <p>Council Chambers Staff Entrance Corridor</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 750 |
| 200160 | City Hall / INTERIOR | Common Areas | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>Council Chambers Unisex Restroom</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 3 | \$ 115 |
| 200168 | City Hall / INTERIOR | Restroom | <p>The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.</p> <p>Council Chambers Unisex Restroom</p> <p>Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. This barrier must be removed in conjunction with barrier ID 200156. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.</p> | 3 | \$ 355 |
| 200155 | City Hall / INTERIOR | Interior Access Route | <p>The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.</p> <p>Council Chambers Unisex Restroom</p> <p>Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. This barrier must be removed in conjunction with barrier ID 200155. The cost of this barrier removal is covered under ID 200155 and therefore, the cost of this ID is shown as \$0. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.</p> | 1 | \$ 366 |
| 200156 | City Hall / INTERIOR | Interior Access Route | <p>minimum.</p> | 1 | \$ - |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200157 | City Hall / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. Council Chambers Unisex Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 115 |
| 200158 | City Hall / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Council Chambers Unisex Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | \$ 200 |
| 200159 | City Hall / INTERIOR | Restroom | <p>The grab bars at the water closet are not compliant. Council Chambers Unisex Restroom</p> <p>Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 710 |
| 200139 | City Hall / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1)</p> <p>The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".</p> | 1 | \$ 1,750 |
| 200140 | City Hall / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 2 (CR2)</p> <p>The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".</p> | 1 | \$ 1,750 |
| 200141 | City Hall / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 3 (CR3)</p> <p>The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".</p> | 1 | \$ 1,750 |
| 200144 | City Hall / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 4 (CR4)</p> <p>The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".</p> | 1 | \$ 1,750 |
| 200145 | City Hall / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 5 (CR5)</p> <p>The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".</p> | 1 | \$ 1,750 |
| 200228 | City Hall / INTERIOR | Interior Access Route | <p>Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Exit Doors</p> <p>Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]</p> | 2 | \$ 275 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| | | | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. | | |
| 200176 | City Hall / INTERIOR | Common Areas | <p>Fitness Room</p> <p>Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 500 |
| 200188 | City Hall / INTERIOR | Interior Access Route | <p>The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.</p> <p>Heron Room, Chinook Room, Traffic Management Center Room</p> <p>Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p> | 2 | \$ 165 |
| 200205 | City Hall / INTERIOR | Common Areas | <p>The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.</p> <p>Human Resources</p> <p>Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]</p> | 2 | \$ 1,804 |
| 200217 | City Hall / INTERIOR | Common Areas | <p>The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.</p> <p>Office of the Mayor</p> <p>Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]</p> | 2 | \$ 1,804 |
| 200142 | City Hall / EXTERIOR | Accessible Parking | <p>WASHINGTON: The car access aisle signage is not compliant or not provided.</p> <p>Parking Lot 1 - Access Aisle Serving Parking Stall P1 & P2</p> <p>Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).</p> | 1 | \$ 280 |
| 200229 | City Hall / EXTERIOR | Accessible Parking | <p>WASHINGTON: The car access aisle signage is not compliant or not provided.</p> <p>Parking Lot 1 - Access Aisles Serving Parking Stalls P3 - P6</p> <p>Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).</p> | 1 | \$ 560 |
| 200230 | City Hall / EXTERIOR | Exterior Access Route | <p>WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant.</p> <p>Parking Lot 1 - Curb Ramps CR1 - CR6</p> <p>Remove the detectable warning with truncated domes, and install a compliant detectable warning. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps].</p> | 1 | \$ 3,840 |
| 200143 | City Hall / EXTERIOR | Exterior Access Route | <p>An accessible passenger loading/unloading zone is not provided where a loading/unloading area is present.</p> <p>Passenger Loading Zone</p> <p>Provide an accessible passenger loading/unloading zone. Passenger loading zones shall provide at least one accessible passenger loading zone in every continuous 100 linear feet of loading zone space, or fraction thereof, except bus loading areas. At least one accessible passenger loading zone shall be provided at an accessible entrance to a licensed medical care or licensed long term care facility where the period of stay exceeds 24 hours. The vehicular pull-up space shall be 96 inches wide minimum and 20 feet long minimum. The loading/unloading zone should allow the access aisle to be at the same level as the loading/unloading area it serves. The access aisle should be marked and separate from the loading/unloading area it serves. The access aisle shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisles shall be marked so as to discourage parking in them. Vehicle pull-up spaces and access aisles serving them shall comply. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide vertical clearance of 114 inches minimum.</p> | 1 | \$ 3,200 |
| 200226 | City Hall / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Stair 1 (ST1)</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 2,184 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200184 | City Hall / INTERIOR | Interior Access Route | <p>ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge.</p> <p>Stair 2 (ST2)</p> <p>ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is \$87.32 each.</p> <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> | 2 | \$ - |
| 200221 | City Hall / INTERIOR | Interior Access Route | <p>Stair 3 (ST3)</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> <p>Handrails are not compliant or are provided.</p> <p>Stair 4 (ST4)</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 2,184 |
| 200147 | City Hall / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> | 1 | \$ 815 |
| 200148 | City Hall / EXTERIOR | Exterior Access Route | <p>Stair 5 (ST5)</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> <p>Handrails are not compliant or are provided.</p> <p>Stair 5 (ST5)</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 3 | \$ 105 |
| 200149 | City Hall / EXTERIOR | Exterior Access Route | <p>ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge.</p> <p>Stair 6 (ST6) Council Chambers</p> | 1 | \$ 1,956 |
| 200152 | City Hall / INTERIOR | Interior Access Route | <p>ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is \$87.32 each.</p> | 2 | \$ - |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200153 | City Hall / INTERIOR | Interior Access Route | <p>Handrails are not provided. Stair 6 (ST6) Council Chambers Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]</p> | 1 | \$ 978 |
| 200169 | City Hall / INTERIOR | Common Areas | <p>Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 4 | \$ 6,500 |
| TOTAL ESTIMATED COST | | | | | \$ 94,703 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204143 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The platform lift is not compliant. 1st & 2nd Floor Offices East of Apparatus Bay Install a compliant platform lift. Provide a platform lift which does not require keyed operation. Platform lifts shall not be attendant-operated. Platform lifts shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible. | 5 | \$ 22,525 |
| 204137 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | \$ 400 |
| 204138 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".] | 5 | \$ 1,260 |
| 204139 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | \$ 710 |
| 204140 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The water closet in a wheelchair stall in a multi-stall restroom does not have the required clearance. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Relocate the dispenser to provide the required clearance at the water closet. This barrier must be removed in conjunction with barrier ID 204141 & 204142. The cost of this barrier removal is covered under ID 204142 and therefore, the cost of this ID is shown as \$0. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required water closet clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. The wheelchair stall size for a floor mounted water closet shall be minimum 60" wide and minimum 59" deep. The wheelchair stall size for a wall-hung water closet shall be minimum 60" wide and minimum 56" deep. The wheelchair stall in multi-stall restrooms primarily for children's use ages 3 to 12 shall be minimum 60" wide and minimum 59" deep for both wall-hung and floor mounted water closets. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".] | 5 | \$ - |
| 204141 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The height of controls are not compliant. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204140 & 204142. The cost of this barrier removal is covered under ID 204142 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ - |
| 204142 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204141 & 204140. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 400 |
| 204083 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Admin Area Relocate object or install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 728 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204074 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Admin Area Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 5,439 |
| 204075 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Admin Area Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 728 |
| 204131 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Maneuvering clearance at the door is not level and clear. Apparatus Bay from Firefighters Office Area Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 in any direction. This barrier must be removed in conjunction with barrier ID 204132. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 204132 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Firefighters Office Area Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204131. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 204133 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Apparatus Bay from Firefighters Office Area Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 5 | \$ 2,600 |
| 204134 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Maneuvering clearance at the door is not level and clear. Apparatus Bay from Media Room Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 in any direction. This barrier must be removed in conjunction with barrier ID 204135. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 204135 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Media Room Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204134. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 204130 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The rear of the stairs is open. Apparatus Bay Stairs Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground. | 1 | \$ 1,456 |
| 204136 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Steps do not have uniform and compliant riser heights and/or tread depths. Apparatus Bay to 2nd Floor Offices All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum. | 5 | \$ 4,896 |
| 204069 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Break Room (Admin Area) Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | \$ 55 |
| 204070 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Break Room (Admin Area) Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 500 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204071 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Break Room (Admin Area) Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 204072 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Break Room (Admin Area) Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | \$ 720 |
| 204073 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Break Room (Admin Area) Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 225 |
| 204086 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Conference Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 2,000 |
| 204089 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Conference Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 1,456 |
| 204149 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | A compliant parallel curb ramp is not provided. Curb Ramp 1 (CR1) Replace the standard curb ramp with a parallel curb ramp. This barrier must be removed in conjunction with barrier ID 204150. The bottom landing clear width at the bottom of the curb ramp runs shall be 60" minimum to allow for a 90 degree turn. The top landings shall be minimum 36" deep in the direction of travel. The slope of the landings, where the landing connects to a sidewalk aligned perpendicular or angled to the curb ramp run requiring a wheelchair turn, shall be maximum 1:48 (2.08%). The slope of the landing shall be maximum 1:48 (2.08%). The curb ramp should be removed and replaced with a compliant ramp with no greater than the maximum allowable slopes of a ramp. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 (8.33%) maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. In facilities built before 1/26/92, the running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] | 1 | \$ 1,750 |
| 204150 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp 1 (CR1) Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. This barrier must be removed in conjunction with barrier ID 204149. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 179 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204224 | Fire Station 11 and Old Medic One Building / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 5 | \$ 2,000 |
| 204117 | Fire Station 11 and Old Medic One Building / INTERIOR | Transient Lodging | The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room. | 5 | \$ 12,000 |
| 204145 | Fire Station 11 and Old Medic One Building / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. East Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 204055 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 385 |
| 204122 | Fire Station 11 and Old Medic One Building / INTERIOR | Employee Work Areas | The accessible door does not have the required PULL SIDE maneuvering clearances. Firefighters Office Redesign to provide the required maneuvering clearance at the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 204093 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 400 |
| 204094 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | The combination refrigerator/freezer does not have at least 50% of the freezer space 54" maximum above the finish floor or ground. Kitchen Replace the combination refrigerator/freezer with a model that has at least 50% of the freezer space 54" maximum above the finish floor or ground. | 5 | \$ 1,000 |
| 204095 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | \$ 720 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
|--|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204097 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 5 | \$ 240 |
| 204098 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | Items requiring a reach motion are not within compliant reach ranges. Kitchen Ensure at least one of each type of dispenser is within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 204099 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204098. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 450 |
| 204118 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 225 |
| 204119 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 204101 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Media Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 500 |
| 204146 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 35" above finish floor to the bottom of the reflective surface, where it is not installed above a lavatory or counter. Men's & Women's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | \$ 400 |
| 204076 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Men's Restroom (Admin Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 200 |
| 204077 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom (Admin Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204078 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | \$ 200 |
| 204079 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom (Admin Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 115 |
| 204080 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom (Admin Area) Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | \$ 355 |
| 204081 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's Restroom (Admin Area) Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".] | 5 | \$ 630 |
| 204082 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The rear grab bar at the water closet is not compliant. Men's Restroom (Admin Area) Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".] | 5 | \$ 355 |
| 204102 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The force required to open the interior, hinged, non-fire door is more than 5 pounds. Men's Restroom (Dorm Area) Adjust closer or replace with a closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. | 5 | \$ 366 |
| 204103 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom (Dorm Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 115 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
|--|---|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204104 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The lavatory does not have the required knee clearance. Men's Restroom (Dorm Area) Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".</p> | 5 | \$ 720 |
| 204105 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom (Dorm Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 5 | \$ 200 |
| 204106 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The height of controls are not compliant. Men's Restroom (Dorm Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204107. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | \$ 200 |
| 204107 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>Controls on dispensers are not compliant. Men's Restroom (Dorm Area) Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204106. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 5 | \$ 200 |
| 204108 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's Restroom (Dorm Area) Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 5 | \$ 630 |
| 204109 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The grab bars at the water closet are not compliant. Men's Restroom (Dorm Area) Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 5 | \$ 710 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204110 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom (Dorm Area) Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | \$ 355 |
| 204111 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Men's Restroom (Dorm Area) Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"-9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 5 | \$ 293 |
| 204112 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom (Dorm Area) Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 5 | \$ 293 |
| 204113 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom (Dorm Area) Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] | 5 | \$ 1,100 |
| 204114 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom (Dorm Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 115 |
| 204115 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Men's Restroom (Dorm Area) Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 5 | \$ 200 |
| 204116 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Men's Restroom (Dorm Area) Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"-19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 5 | \$ 7,181 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
|--|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204129 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom (Dorm Area) Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 5 | \$ 55 |
| 204151 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. North & West Entrance Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | \$ 1,000 |
| 204092 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. North Corridor Install cane detectors or relocate/raise the light fixtures. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 10,192 |
| 204152 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the ramp are not compliant. North Entrance Walkway The ramp should be removed and replaced with a compliant ramp. This barrier must be removed in conjunction with barrier ID 204226. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44". | 1 | \$ 7,944 |
| 204226 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. North Entrance Walkway Provide compliant handrails on both sides of the ramp. This barrier must be removed in conjunction with barrier ID 204152. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 4,564 |
| 204228 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Old Medic One Building Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. This barrier must be removed in conjunction with barrier ID 204156. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 8,802 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204156 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | <p>The ramp is required but not provided. Old Medic One Building</p> <p>Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. This barrier must be removed in conjunction with barrier ID 204228. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 44" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.]</p> <p>Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.</p> | 5 | \$ 16,550 |
| 204157 | Fire Station 11 and Old Medic One Building / EXTERIOR | Entrance to Building | <p>The pull side of the accessible door does not have the required maneuvering clearances. Old Medic One Building</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 5 | \$ 1,250 |
| 204158 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | <p>The kitchen sink does not have knee and toe clearance. Old Medic One Building</p> <p>Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.</p> | 5 | \$ 720 |
| 204159 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | <p>The location of the controls requires reaching across burners. Old Medic One Building</p> <p>Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.</p> | 5 | \$ 759 |
| 204160 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | <p>Controls and/or dispensers are not within an allowable reach range. Old Medic One Building</p> <p>Provide redundant controls and an additional microwave so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | \$ 1,598 |
| 204161 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | <p>Controls and/or dispensers are not within an allowable reach range. Old Medic One Building</p> <p>Relocate the dispenser so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | \$ 50 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
|--|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204163 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Old Medic One Building Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 5 | \$ 55 |
| 204164 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The entire restroom is not compliant due to limited room dimensions. Old Medic One Building Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above | 5 | \$ 12,000 |
| 204165 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The door has less than 32" clear width. Old Medic One Building Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 5 | \$ 1,124 |
| 204166 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Old Medic One Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 500 |
| 204167 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Old Medic One Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | \$ 330 |
| 204168 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Old Medic One Building Relocate with the leading edge below 27" or install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 728 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
|--|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204169 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | A platform lift is required but not provided. Old Medic One Building Install a platform lift. Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible. | 5 | \$ 22,525 |
| 204148 | Fire Station 11 and Old Medic One Building / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisle Serving Stalls P1 & P2 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 204144 | Fire Station 11 and Old Medic One Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |
| 204170 | Fire Station 11 and Old Medic One Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |
| 204056 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Public Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 204057 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Public Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 200 |
| 204058 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The height of controls are not compliant. Public Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
|--|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204059 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Public Unisex Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 204060 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Public Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 204061 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Public Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 204062 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Public Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"-9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 204087 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 204088. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 3,000 |
| 204088 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204087. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 1,200 |
| 204085 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Throughout Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | \$ 1,540 |
| 204153 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Walkway to Memorial Plaza Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 2,497 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
|--|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204154 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. West Entrance Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 3,171 |
| 204155 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. West Entrance Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] This barrier must be removed in conjunction with barrier ID 204154. An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 178 |
| 204063 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom (Admin Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 115 |
| 204064 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom (Admin Area) Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 5 | \$ 65 |
| 204065 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Women's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | \$ 200 |
| 204066 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The height of controls are not compliant. Women's Restroom (Admin Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 204067 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom (Admin Area) Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | \$ 355 |
| 204068 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom (Admin Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 200 |
| 204123 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom (Dorm Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 200 |

| FIRE STATION 11 AND OLD MEDIC ONE BUILDING | | | | | |
|--|---|----------|--|----------|-------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204124 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 5 | \$ 7,181 |
| 204125 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The hardware at the wheelchair stall door is not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 5 | \$ 293 |
| 204126 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The wheelchair stall door is not self closing.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p> | 5 | \$ 293 |
| 204127 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The grab bars at the water closet are not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 5 | \$ 710 |
| 204128 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>Women's Restroom (Dorm Area)</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 5 | \$ 355 |
| TOTAL ESTIMATED COST | | | | | \$ 206,177 |

| FIRE STATION 12 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204208 | Fire Station 12 / INTERIOR | Interior Access Route | The rear of the stairs is open. Apparatus Bay Stair Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground. | 1 | \$ 728 |
| 204175 | Fire Station 12 / INTERIOR | Transient Lodging | The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room. | 5 | \$ 12,000 |
| 204231 | Fire Station 12 / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 5 | \$ 2,000 |
| 204172 | Fire Station 12 / INTERIOR | Interior Access Route | Means of egress signage is not provided. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55% minimum and 110% maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 3 | \$ 110 |
| 204186 | Fire Station 12 / INTERIOR | Interior Access Route | The threshold at the accessible door is greater than ½" in height. Fitness Room Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 5 | \$ 179 |
| 204209 | Fire Station 12 / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | \$ 720 |

FIRE STATION 12

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|---|----------|---------------|
| 204210 | Fire Station 12 / INTERIOR | Kitchen | The height of controls throughout the common area are not compliant. Kitchen Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 204211. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 1,000 |
| 204211 | Fire Station 12 / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204210. The cost of this barrier removal is covered under ID 204210 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ - |
| 204212 | Fire Station 12 / INTERIOR | Kitchen | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 5 | \$ 240 |
| 204213 | Fire Station 12 / INTERIOR | Kitchen | Less than minimum one of each type of operable part is within reach range. Kitchen Provide redundant controls or install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 1,200 |
| 204196 | Fire Station 12 / INTERIOR | Common Areas | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Laundry Room Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 5 | \$ 1,600 |
| 204197 | Fire Station 12 / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Laundry Room & Unisex Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 5 | \$ 586 |
| 204177 | Fire Station 12 / INTERIOR | Restroom | The provided signage is not mounted at the latch side of the door. Men's Restroom Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | \$ 55 |
| 204178 | Fire Station 12 / INTERIOR | Restroom | The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | \$ 720 |
| 204179 | Fire Station 12 / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | \$ 200 |

FIRE STATION 12

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|----------|--|----------|---------------|
| 204180 | Fire Station 12 / INTERIOR | Restroom | <p>The height of controls are not compliant. Men's Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204181. The cost of this barrier removal is covered under ID 204181 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | \$ - |
| 204181 | Fire Station 12 / INTERIOR | Restroom | <p>Controls on dispensers are not compliant. Men's Restroom</p> <p>Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204180. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 5 | \$ 200 |
| 204182 | Fire Station 12 / INTERIOR | Restroom | <p>A wheelchair stall is not provided in a multi-user restroom. Men's Restroom</p> <p>Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.</p> | 5 | \$ 2,750 |

| FIRE STATION 12 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204183 | Fire Station 12 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 5 | \$ 7,181 |
| 204184 | Fire Station 12 / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | \$ 115 |
| 204185 | Fire Station 12 / INTERIOR | Restroom | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Men's Restroom</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 5 | \$ 1,250 |
| 204219 | Fire Station 12 / EXTERIOR | Exterior Access Route | <p>A compliant accessible route is not provided from accessible parking to the public facility entrance.</p> <p>Parking Lot 1</p> <p>Remove curb blocks to allow for an accessible route with no more than 1:50 (2%) cross or 1:20 (5%) running slopes. An accessible route with a running slope greater than 1:20 is a ramp. [EXCEPTION: Cross slopes not greater than 1:48 are permitted]. The minimum clear width of an accessible route is 36". At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. [EXCEPTION: An accessible route shall not be required between accessible buildings, accessible facilities, accessible elements, and accessible spaces if the only means of access between them is a vehicular way not providing pedestrian access.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 44 |
| 204216 | Fire Station 12 / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant.</p> <p>Parking Lot 1 - Stall P1</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 11,300 |

| FIRE STATION 12 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204214 | Fire Station 12 / EXTERIOR | Accessible Parking | WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |
| 204215 | Fire Station 12 / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Reception Vestibule Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 204173 | Fire Station 12 / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Throughout Building Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 5 | \$ 13,000 |
| 204174 | Fire Station 12 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Throughout Building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 2,500 |
| 204176 | Fire Station 12 / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Throughout Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | \$ 440 |
| 204187 | Fire Station 12 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 675 |
| 204198 | Fire Station 12 / INTERIOR | Restroom | The door has less than 32" clear width. Unisex Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 5 | \$ 1,124 |
| 204199 | Fire Station 12 / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204200. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 204200 | Fire Station 12 / INTERIOR | Restroom | Clear widths are not 36" minimum (including protruding objects). Smaller widths of 32" min. to 36" a max. length of 24" and not separated by segments a min. of 48" long and 36" wide min. Unisex Restroom Ensure clear widths of 36" minimum. This barrier must be removed in conjunction with barrier ID 204199. Ensure smaller widths of minimum 32" to 36" are maximum length of 24" separated by segments minimum 48" long and minimum 36" wide. | 5 | \$ 1,000 |
| 204201 | Fire Station 12 / INTERIOR | Restroom | Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 5 | \$ 65 |

FIRE STATION 12

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|----------|---|----------|---------------|
| 204202 | Fire Station 12 / INTERIOR | Restroom | The height of controls are not compliant. Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204203. The cost of this barrier removal is covered under ID 204203 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ - |
| 204203 | Fire Station 12 / INTERIOR | Restroom | Controls on dispensers are not compliant. Unisex Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204202. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 200 |
| 204204 | Fire Station 12 / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 5 | \$ 1,368 |
| 204205 | Fire Station 12 / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Unisex Restroom Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 5 | \$ 200 |
| 204206 | Fire Station 12 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 115 |

| FIRE STATION 12 | | | | | |
|-----------------|----------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204207 | Fire Station 12 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Unisex Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21 1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 5 | \$ 7,181 |
| 204944 | Fire Station 12 / INTERIOR | Restroom | <p>The centerline of the toilet in the ambulatory stall is not 17" minimum to 19" maximum from the sidewall.</p> <p>Unisex Restroom</p> <p>Provide a water closet with centerline 17" minimum to 19" maximum from the side wall or partition in the ambulatory stall. The water closet shall be positioned with a wall or partition to the rear and to one side. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 630 |
| 204232 | Fire Station 12 / INTERIOR | Restroom | <p>The flush control is located on the closed side and/or is not within reach range.</p> <p>Women's Restroom</p> <p>Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.</p> | 5 | \$ 313 |
| 204188 | Fire Station 12 / INTERIOR | Restroom | <p>The provided signage is not mounted at the latch side of the door.</p> <p>Women's Restroom</p> <p>Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p> | 5 | \$ 55 |
| 204189 | Fire Station 12 / INTERIOR | Restroom | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Women's Restroom</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 5 | \$ 1,250 |
| 204190 | Fire Station 12 / INTERIOR | Restroom | <p>Controls on dispensers are not compliant.</p> <p>Women's Restroom</p> <p>Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 5 | \$ 200 |
| 204191 | Fire Station 12 / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>Women's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 5 | \$ 293 |

FIRE STATION 12

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|-----------------------------|----------------------------|----------|--|----------|------------------|
| 204192 | Fire Station 12 / INTERIOR | Restroom | The rear grab bar at the water closet is not compliant. Women's Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 5 | \$ 355 |
| 204193 | Fire Station 12 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | \$ 355 |
| 204194 | Fire Station 12 / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Women's Restroom Relocate shelving to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 5 | \$ 500 |
| 204195 | Fire Station 12 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 115 |
| TOTAL ESTIMATED COST | | | | | \$ 80,566 |

| FIRE STATION 13 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200260 | Fire Station 13 / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorm Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 3 | \$ 2,000 |
| 200262 | Fire Station 13 / INTERIOR | Transient Lodging | The clear floor space at the bed is not compliant. Dorm Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.] | 2 | \$ 400 |
| 200278 | Fire Station 13 / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Employee Entrance Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 200239 | Fire Station 13 / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Entrance Lobby Provide a compliant counter. This barrier must be removed in conjunction with barrier ID 203062. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 200240 | Fire Station 13 / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Entrance Lobby Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 55 |
| 203062 | Fire Station 13 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entrance Lobby Install cane detectors. This barrier must be removed in conjunction with barrier ID 200239. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 200263 | Fire Station 13 / INTERIOR | Interior Access Route | Vertical level changes between 1/4" and 1/2" high are not beveled or vertical level changes greater than 1/2" high are not ramped. Exercise Room The area should be removed and repaired. Vertical changes in level 1/4" high maximum shall be permitted to be vertical. Vertical changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Vertical changes in level greater than 1/2" shall be ramped. [ADVISORY: A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with ramp or curb ramp requirements]. | 1 | \$ 54 |
| 200243 | Fire Station 13 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Interior Corridor Install cane detectors. This barrier must be removed in conjunction with barrier ID 203063. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |

| FIRE STATION 13 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200244 | Fire Station 13 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Interior Corridor Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 500 |
| 203063 | Fire Station 13 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Interior Corridor Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200243. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 500 |
| 200562 | Fire Station 13 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200271. The cost of this barrier removal is covered under ID 200271 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ - |
| 200267 | Fire Station 13 / INTERIOR | Kitchen | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. This barrier must be removed in conjunction with barrier ID 200268. The cost of this barrier removal is covered under ID 200268 and therefore, the cost of this ID is shown as \$0. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 4 | \$ - |
| 200268 | Fire Station 13 / INTERIOR | Kitchen | The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. This barrier must be removed in conjunction with barrier ID 200267. The location of controls shall not require reaching across burners. | 4 | \$ 759 |
| 200269 | Fire Station 13 / INTERIOR | Kitchen | Less than 5% or at least one of each type of sink is not accessible. Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 200270 | Fire Station 13 / INTERIOR | Kitchen | The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 2 | \$ 5,958 |
| 200271 | Fire Station 13 / INTERIOR | Kitchen | Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200271. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 2,196 |

| FIRE STATION 13 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200274 | Fire Station 13 / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 200277 | Fire Station 13 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 1,098 |
| 200887 | Fire Station 13 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 800 |
| 200257 | Fire Station 13 / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Men's & Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 3 | \$ 14,362 |
| 200258 | Fire Station 13 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 230 |

| FIRE STATION 13 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200259 | Fire Station 13 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |
| 200561 | Fire Station 13 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Men's & Women's Restroom Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200255. The cost of this barrier removal is covered under ID 200255 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ - |
| 200559 | Fire Station 13 / INTERIOR | Restroom | Controls on dispensers are not compliant. Men's & Women's Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 200246 & 200560. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 400 |
| 200252 | Fire Station 13 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 230 |
| 200253 | Fire Station 13 / INTERIOR | Restroom | The height of controls are not compliant. Men's & Women's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 400 |
| 200254 | Fire Station 13 / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Men's & Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 586 |
| 200255 | Fire Station 13 / INTERIOR | Restroom | The height of controls are not compliant. Men's & Women's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 200561. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 400 |
| 200245 | Fire Station 13 / INTERIOR | Restroom | The provided signage is not mounted at the latch side of the door or at a compliant height. Men's & Women's Restroom Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 3 | \$ 110 |

| FIRE STATION 13 | | | | | |
|-----------------|----------------------------|--------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200246 | Fire Station 13 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's & Women's Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with barrier ID 200559 & 200560. The cost of this barrier removal is covered under ID 200559 and therefore, the cost of this ID is shown as \$0. | 2 | \$ - |
| 200247 | Fire Station 13 / INTERIOR | Restroom | Pipes are not insulated. Men's & Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 200248 | Fire Station 13 / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 200249 | Fire Station 13 / INTERIOR | Restroom | The wheelchair stall with a wall mounted water closet, in a multi-stall restroom, is less than 60" wide and 56" deep. Men's & Women's Restroom Redesign to provide compliant wheelchair stall with a wall mounted water closet. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 2,736 |
| 200250 | Fire Station 13 / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's & Women's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,420 |
| 200560 | Fire Station 13 / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 200246 & 200559. The cost of this barrier removal is covered under ID 200559 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ - |
| 200237 | Fire Station 13 / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |

| FIRE STATION 13 | | | | | |
|-----------------------------|----------------------------|----------------------|--|----------|------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200264 | Fire Station 13 / EXTERIOR | Entrance to Building | The accessible door has less than 32" clear width. Patio Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 1 | \$ 2,480 |
| 200265 | Fire Station 13 / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Patio Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 200238 | Fire Station 13 / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Public Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 200242 | Fire Station 13 / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Throughout Building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 7,500 |
| 200266 | Fire Station 13 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 375 |
| 200256 | Fire Station 13 / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) is mounted above 48". Women's Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 586 |
| 200251 | Fire Station 13 / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Women's Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 313 |
| TOTAL ESTIMATED COST | | | | | \$ 55,582 |

| FIRE STATION 14 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200463 | Fire Station 14 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Apparatus Bay Install cane detectors. This barrier must be removed in conjunction with barrier ID 200583 & 200584. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 728 |
| 200464 | Fire Station 14 / INTERIOR | Employee Work Areas | Controls throughout the common area are not compliant. Apparatus Bay Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 200583 | Fire Station 14 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Apparatus Bay Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200463 & 200584. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 200584 | Fire Station 14 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Apparatus Bay Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200463 & 200583. The cost of this barrier removal is covered under ID 200583 and therefore, the cost of this ID is shown as \$0. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ - |
| 200460 | Fire Station 14 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Corridor Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 200430 | Fire Station 14 / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 165 |
| 200437 | Fire Station 14 / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Corridor Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 55 |

| FIRE STATION 14 | | | | | |
|-----------------|----------------------------|-------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200579 | Fire Station 14 / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorm Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 3 | \$ 2,000 |
| 200439 | Fire Station 14 / INTERIOR | Transient Lodging | The clear floor space at the bed is not compliant. Dorm Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.] | 2 | \$ 400 |
| 200420 | Fire Station 14 / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Entry Lobby Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 200455 | Fire Station 14 / INTERIOR | Kitchen | Less than 5% or at least one of each type of sink is not accessible. Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 200456 | Fire Station 14 / INTERIOR | Kitchen | The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners. | 4 | \$ 759 |
| 200457 | Fire Station 14 / INTERIOR | Kitchen | The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 2 | \$ 1,986 |
| 200458 | Fire Station 14 / INTERIOR | Kitchen | Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200459. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 2,196 |

| FIRE STATION 14 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200459 | Fire Station 14 / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200458. The cost of this barrier removal is covered under ID 200458 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ - |
| 200582 | Fire Station 14 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200436. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 200434 | Fire Station 14 / INTERIOR | Common Areas | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 5 | \$ 720 |
| 200436 | Fire Station 14 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200582. The cost of this barrier removal is covered under ID 200582 and therefore, the cost of this ID is shown as \$0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ - |
| 200446 | Fire Station 14 / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 110 |
| 200447 | Fire Station 14 / INTERIOR | Restroom | The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 3 | \$ 720 |

| FIRE STATION 14 | | | | | |
|-----------------|----------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200448 | Fire Station 14 / INTERIOR | Restroom | The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] | 3 | \$ 1,100 |
| 200449 | Fire Station 14 / INTERIOR | Restroom | A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. | 3 | \$ 2,750 |
| 200450 | Fire Station 14 / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Men's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 3 | \$ 7,181 |
| 200451 | Fire Station 14 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | \$ 300 |

| FIRE STATION 14 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200452 | Fire Station 14 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 230 |
| 200433 | Fire Station 14 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Office Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 200416 | Fire Station 14 / EXTERIOR | Accessible Parking | The van parking space is less than 132" wide, where the van aisle is less than 96" wide. Parking Lot 1 Remove and re-stripe to provide a van space that is minimum 96" wide, with an adjacent aisle minimum 96" wide, or minimum 132" wide, with an adjacent aisle minimum 60" wide. This barrier must be removed in conjunction with barrier ID 200417 and 200564 - 200567. Van spaces shall be marked to define the width, and shall have a compliant adjacent access aisle. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to accessible stalls and aisles, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. | 1 | \$ 420 |
| 200417 | Fire Station 14 / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Lot 1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] This barrier must be removed in conjunction with barrier ID 200416 and 200564 - 200567. Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 200564 | Fire Station 14 / EXTERIOR | Accessible Parking | WASHINGTON: Compliant signage is not provided at the van space. Parking Lot 1 Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200565 - 200567. The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 280 |
| 200565 | Fire Station 14 / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200567. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 200566 | Fire Station 14 / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Lot 1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200567. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 200567 | Fire Station 14 / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Parking Lot 1 Install a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200566. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | \$ 1,750 |
| 200465 | Fire Station 14 / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |

FIRE STATION 14

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|--|----------|---------------|
| 200466 | Fire Station 14 / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Parking Lot 2 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 5 | \$ 1,750 |
| 200467 | Fire Station 14 / EXTERIOR | Accessible Parking | A curb or wheelstop is not provided where needed to prevent encroachment of vehicles over the required accessible route clear width. Parking Lot 2 Install a curb or wheelstop to prevent the encroachment of vehicles over the required accessible route clear width of minimum 44". | 1 | \$ 945 |
| 200453 | Fire Station 14 / EXTERIOR | Entrance to Building | The accessible door has less than 32" clear width. Patio Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. This barrier must be removed in conjunction with barrier ID 200454. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 1 | \$ 2,480 |
| 200454 | Fire Station 14 / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Patio Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 200453. The cost of this barrier removal is covered under ID 200453 and therefore, the cost of this ID is shown as \$0. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ - |
| 200419 | Fire Station 14 / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Public Entrance Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 200580 | Fire Station 14 / INTERIOR | Interior Access Route | Stairs have open risers. Stair to Storage & Mechanical Space Replace with compliant stairs that have closed risers. Open risers are not permitted. | 1 | \$ 14,280 |
| 200461 | Fire Station 14 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair to Storage & Mechanical Space Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 728 |
| 200462 | Fire Station 14 / INTERIOR | Interior Access Route | Handrails are not provided. Stair to Storage & Mechanical Space Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] | 5 | \$ 6,520 |
| 200438 | Fire Station 14 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 4,392 |

| FIRE STATION 14 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200431 | Fire Station 14 / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Throughout Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 186 |
| 200432 | Fire Station 14 / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Throughout Building Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 3,809 |
| 200421 | Fire Station 14 / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 110 |
| 200422 | Fire Station 14 / INTERIOR | Restroom | The force required to open the interior, hinged, non-fire door is more than 5 pounds. Unisex Restroom Adjust closer or replace with a closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. | 3 | \$ 732 |
| 200423 | Fire Station 14 / INTERIOR | Restroom | Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 200424 | Fire Station 14 / INTERIOR | Restroom | The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unisex Restroom Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,260 |
| 200425 | Fire Station 14 / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Unisex Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 626 |
| 200426 | Fire Station 14 / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 586 |
| 200427 | Fire Station 14 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |

| FIRE STATION 14 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200428 | Fire Station 14 / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,420 |
| 200429 | Fire Station 14 / INTERIOR | Restroom | The height of controls are not compliant. Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 400 |
| 200418 | Fire Station 14 / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Walkway from Parking Lot 1 to Public Entrance Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 286 |
| 200440 | Fire Station 14 / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 200441 | Fire Station 14 / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) is mounted above 48". Women's Restroom Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 293 |
| 200442 | Fire Station 14 / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Women's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | \$ 1,250 |
| 200443 | Fire Station 14 / INTERIOR | Restroom | The lavatory does not have the required knee clearance. Women's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 3 | \$ 720 |

FIRE STATION 14

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
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| 200444 | Fire Station 14 / INTERIOR | Restroom | <p>A wheelchair stall is not provided in a multi-user restroom. Women's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.</p> | 3 | \$ 2,750 |
| 200445 | Fire Station 14 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant. Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 3 | \$ 7,181 |
| TOTAL ESTIMATED COST | | | | | \$ 96,307 |

| FIRE STATION 16 AND SHOP BUILDING | | | | | |
|-----------------------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202303 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Stairs have open risers. Apparatus Bay - Southeast Stair Replace with compliant stairs that have closed risers. Open risers are not permitted. | 1 | \$ 26,040 |
| 202301 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Apparatus Bay - Southwest 2nd Floor Storage Area Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 202302 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Apparatus Bay - Southwest Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 326 |
| 202299 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Objects along the interior accessible route suspend from the ceilings lower than 80" AFF. Apparatus Bay - Southwest Stair Ensure minimum 80" head room is provided, unless a barrier or guardrail is installed to warn blind or visually impaired persons. The leading edge of such a barrier or guardrail shall be located 27" maximum above finish floor. | 1 | \$ 728 |
| 202300 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Stairs have open risers. Apparatus Bay - Southwest Stair Replace with compliant stairs that have closed risers. Open risers are not permitted. | 1 | \$ 15,120 |
| 202278 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Fire Station - Laundry Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 2,400 |
| 202279 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | The height of the shelving is not within reach range. Fire Station - Laundry Install shelving within at least one of the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 844 |
| 202280 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Fire Station - Laundry Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 202293 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Fire Station - Patio Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 1,079 |
| 202294 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Fire Station - Patio Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 202261 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Fire Station - Public Entrance Walkway Re-seal the construction joints in order to maintain a smooth accessible pedestrian route. Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 2,576 |

FIRE STATION 16 AND SHOP BUILDING

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------------------|--|----------|---------------|
| 202260 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Fire Station - South Employee Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202290 | Fire Station 16 and Shop Building / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Fire Station- Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 3 | \$ 2,000 |
| 202291 | Fire Station 16 and Shop Building / INTERIOR | Transient Lodging | The required number of guest rooms with mobility features is not provided. Fire Station- Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room. | 3 | \$ 1,400 |
| 202295 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Fire Station- Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 4 | \$ 480 |
| 202296 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | The height of controls throughout the common area are not compliant. Fire Station- Kitchen Provide redundant controls within a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 1,000 |
| 202297 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | Less than 5% or at least one of each type of sink is not accessible. Fire Station- Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 202298 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | The combination refrigerator/freezer does not have at least 50% of the freezer space 54" maximum above the finish floor or ground. Fire Station- Kitchen Replace the combination refrigerator/freezer with a model that has at least 50% of the freezer space 54" maximum above the finish floor or ground. | 4 | \$ 1,000 |
| 202284 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Fire Station- Men's Restroom/Shower Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 202289 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Fire Station- Men's Restroom/Shower Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 3 | \$ 200 |

| FIRE STATION 16 AND SHOP BUILDING | | | | | |
|-----------------------------------|--|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202281 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Pipes are not insulated. Fire Station- Men's Restroom/Shower Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 202282 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 400 |
| 202283 | Fire Station 16 and Shop Building / INTERIOR | Restroom | A wheelchair stall is not provided in a multi-user restroom. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. | 3 | \$ 5,500 |
| 202285 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 3 | \$ 400 |
| 202286 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | \$ 600 |
| 202287 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 3 | \$ 14,362 |

| FIRE STATION 16 AND SHOP BUILDING | | | | | |
|-----------------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202288 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 230 |
| 202263 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Fire Station- Public Entrance Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. This barrier must be removed in conjunction with barrier ID 202264. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.] | 1 | \$ 728 |
| 202264 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | Operable parts or items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Fire Station- Public Entrance Remove and lower to a compliant reach range. This barrier must be removed in conjunction with barrier ID 202263. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" (380 mm) minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 350 |
| 202265 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Fire Station- Public Entrance Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 2 | \$ 2,600 |
| 202269 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Fire Station- Public Unisex Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 202270 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Fire Station- Public Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 202271 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Fire Station- Public Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |
| 202272 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Fire Station- Public Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |

| FIRE STATION 16 AND SHOP BUILDING | | | | | |
|-----------------------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202273 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Fire Station- Public Unisex Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |
| 202274 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Fire Station- Public Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,368 |
| 202277 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Fire Station- Reception Area Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 55 |
| 202266 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Fire Station- Reception Area Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 202267 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Fire Station- Reception Area Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 500 |
| 202268 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Fire Station- Throughout Building Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 2 | \$ 13,000 |

FIRE STATION 16 AND SHOP BUILDING

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 202275 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Fire Station- Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 7,500 |
| 202276 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Fire Station- Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 2,700 |
| 202292 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Fire Station- Women's Restroom/Shower Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 293 |
| 202327 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Gate 1 (G1) Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | \$ 160 |
| 202317 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Maintenance Facility - Kitchenette Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 202318 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | The height of controls throughout the common area are not compliant. Maintenance Facility - Kitchenette Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 173 |
| 202319 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Maintenance Facility - Kitchenette Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 300 |
| 202320 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Maintenance Facility - Kitchenette Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 450 |
| 202322 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Maintenance Facility - Kitchenette & Office Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 2 | \$ 5,200 |

| FIRE STATION 16 AND SHOP BUILDING | | | | | |
|-----------------------------------|--|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202306 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Maintenance Facility - Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 202307 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Maintenance Facility - Men's Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 586 |
| 202308 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The height of controls are not compliant. Maintenance Facility - Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |
| 202309 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Maintenance Facility - Men's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 293 |
| 202310 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Maintenance Facility - Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1 1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 202311 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Maintenance Facility - Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 202312 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Maintenance Facility - Men's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |

| FIRE STATION 16 AND SHOP BUILDING | | | | | |
|-----------------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202313 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The locker area does not have accessible lockers. Maintenance Facility - Men's Restroom Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 330 |
| 202314 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The locker area does not have a compliant bench. Maintenance Facility - Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | \$ 500 |
| 202315 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Maintenance Facility - Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 202316 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Maintenance Facility - Men's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 3 | \$ 7,181 |
| 202329 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Maintenance Facility - Northeast Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202330 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Maintenance Facility - Northwest Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202325 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Maintenance Facility - Southeast Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202323 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Maintenance Facility - Southeast Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |

| FIRE STATION 16 AND SHOP BUILDING | | | | | |
|-----------------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202324 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Maintenance Facility - Southeast Entrance Install cane detectors and relocate the cabinet to a location outside the required maneuvering clearance of the door. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 202326 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Maintenance Facility - Southwest Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202305 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Maintenance Facility - Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 326 |
| 202258 | Fire Station 16 and Shop Building / EXTERIOR | Accessible Parking | WASHINGTON: A compliant van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |
| 202304 | Fire Station 16 and Shop Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |
| 202479 | Fire Station 16 and Shop Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |

FIRE STATION 16 AND SHOP BUILDING

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|-----------------------------|--|-----------------------|---|----------|-------------------|
| 202262 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | <p>WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp 1 (R1) Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | \$ 7,172 |
| 202259 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stair 1 (ST1) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | \$ 70 |
| 202328 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stair 2 (ST2) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | \$ 281 |
| TOTAL ESTIMATED COST | | | | | \$ 150,261 |

| FIRE STATION 17 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203382 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Classroom A Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 300 |
| 203381 | Fire Station 17 / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Classroom A - Radio Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 55 |
| 203383 | Fire Station 17 / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Classrooms A and B Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 1,440 |
| 203379 | Fire Station 17 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Classrooms A and B Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 1,456 |
| 203328 | Fire Station 17 / INTERIOR | Interior Access Route | The door has less than 32" clear width. Crew Office Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 5 | \$ 2,600 |
| 203329 | Fire Station 17 / INTERIOR | Employee Work Areas | The work surface is not compliant. Crew Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 5 | \$ 1,030 |
| 203325 | Fire Station 17 / INTERIOR | Interior Access Route | The existing signage is not mounted at the latch side of the door or at a compliant height. Crew Office and Police Offices Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 110 |

| FIRE STATION 17 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203326 | Fire Station 17 / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Crew Office, Company Officer and Police Offices Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48' minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60' maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 165 |
| 203406 | Fire Station 17 / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp CR-1 The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ 1,750 |
| 203407 | Fire Station 17 / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp CR-1 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 158 |
| 203404 | Fire Station 17 / EXTERIOR | Exterior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Entrance E-1 Remove and lower to a compliant reach range. This barrier must be removed in conjunction with ID 203405. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 300 |
| 203405 | Fire Station 17 / EXTERIOR | Exterior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Entrance E-1 Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. This barrier must be removed in conjunction with ID 203404. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.] | 1 | \$ 728 |
| 203373 | Fire Station 17 / INTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Entrance E-2 Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | \$ 400 |
| 203396 | Fire Station 17 / INTERIOR | Entrance to Building | The push side of the accessible door does not have the required maneuvering clearances. Entrance E-3 Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door and within the recess of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 203374 | Fire Station 17 / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrances E-2 and E-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 2,500 |
| 203324 | Fire Station 17 / INTERIOR | Interior Access Route | Means of egress signage does not have tactile lettering. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style' Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 220 |

| FIRE STATION 17 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203347 | Fire Station 17 / INTERIOR | Fitness | Clear floor space is not provided at the transfer point to the exercise equipment. Fitness Room Provide clear floor space 30" minimum x 48" minimum positioned for transfer or for use by an individual seated in a wheelchair. Clear floor space has a maximum slope of 2.08% slope in all directions. Accessible exercise machines and equipment shall have a clear floor space positioned for transfer or for use by an individual seated in a wheelchair. Clear floor spaces required at exercise machines and equipment shall be permitted to overlap. One side of the clear floor space shall connect to an accessible route. Clear floor spaces shall not overlap the accessible route. | 5 | \$ 500 |
| 203346 | Fire Station 17 / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Front and Rear Stairwells Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 326 |
| 203391 | Fire Station 17 / INTERIOR | Interior Access Route | The sink rim is higher than 34". Garage Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 5 | \$ 720 |
| 203392 | Fire Station 17 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Garage Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 400 |
| 203393 | Fire Station 17 / INTERIOR | Interior Access Route | The location of the spout of the eye wash station is not compliant. Garage Replace the eye wash station to ensure that the spout height is no higher than 36" maximum measured from the finish floor or ground to the spout outlet, and provide knee and toe clearance. This barrier must be removed in conjunction with ID 203769. Spout outlets shall be 36" maximum above the finish floor or ground, 15" minimum from vertical support, and 5" maximum from front edge. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 4 | \$ 2,505 |
| 203742 | Fire Station 17 / INTERIOR | Interior Access Route | Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Garage Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant. | 5 | \$ 65 |
| 203769 | Fire Station 17 | Interior Access Route | Knee and toe clearance is not provided at the eye wash station. Garage Relocate or replace the eye wash station to provide knee and toe clearance. This barrier must be removed in conjunction with ID 203393. Units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 4 | \$ 980 |

FIRE STATION 17

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|--|----------|---------------|
| 203398 | Fire Station 17 / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Gate G-1 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | \$ 160 |
| 203399 | Fire Station 17 / EXTERIOR | Exterior Access Route | The gate maneuvering clearance area is not compliant. Gate G-1 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] | 1 | \$ 568 |
| 203738 | Fire Station 17 / INTERIOR | Kitchen | The oven does not have an adjacent work surface which is a minimum height of 28" and maximum height of 34", or an adjustable work surface ranging from minimum 29" to 36" maximum. Kitchen Remove and install a kitchen work surface adjacent to the oven that is maximum 34" height or an adjustable work surface which can be adjusted from minimum 29" to maximum 36". The work surface shall be positioned adjacent to the latch side of a side-hinged oven door, or adjacent to one side of a bottom-hinged oven door. Modify or replace counter to provide a minimum 30" wide section with maximum height 34" with knee and toe clearance adjacent to the oven. The work surface shall also have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 4 | \$ 2,382 |
| 203338 | Fire Station 17 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 200 |
| 203339 | Fire Station 17 / INTERIOR | Kitchen | Less than minimum one of each type of operable part is within reach range. Kitchen Install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 1,000 |
| 203343 | Fire Station 17 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Kitchen Relocate or install cane detection. This barrier must be removed in conjunction with ID 203344. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 203333 | Fire Station 17 / INTERIOR | Kitchen | The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | \$ 1,986 |

FIRE STATION 17

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|--|----------|---------------|
| 203334 | Fire Station 17 / INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | \$ 3,039 |
| 203335 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 1,500 |
| 203344 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen and Fitness Room Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203343. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 600 |
| 203336 | Fire Station 17 / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Kitchen and Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 1,440 |
| 203348 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Laundry Room Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 300 |
| 203401 | Fire Station 17 / INTERIOR | Interior Access Route | Knee and toe clearance is not provided at the lower level fountain. Lobby Relocate or replace the lower level unit to provide knee and toe clearance. Lower level units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30" maximum above the finish floor or ground and is 3-1/2" maximum from the front edge of the unit, including bumpers.] For a parallel approach, the 48" dimension shall be centered on the unit. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 4 | \$ 980 |

| FIRE STATION 17 | | | | | |
|-----------------|----------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203402 | Fire Station 17 / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Lobby Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |
| 203403 | Fire Station 17 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Lobby Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 203376 | Fire Station 17 / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Lobby Restroom, Upstairs Restroom - South Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 2,736 |
| 203375 | Fire Station 17 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Lobby Restroom, Upstairs Restrooms - North and South Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | \$ 2,184 |
| 203743 | Fire Station 17 / INTERIOR | Restroom | The lavatory is mounted higher than 34" to the higher of the rim or counter. Lobby Restroom, Upstairs Restrooms - North and South Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". | 3 | \$ 2,160 |
| 203741 | Fire Station 17 / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Lobby Restroom, Upstairs Restrooms - North and South Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 600 |
| 203350 | Fire Station 17 / INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's and Women's Restrooms Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | \$ 732 |

FIRE STATION 17

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|---|----------|---------------|
| 203351 | Fire Station 17 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's and Women's Restrooms Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203352. | 2 | \$ 1,456 |
| 203352 | Fire Station 17 / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Men's and Women's Restrooms Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with ID 203351. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | \$ 400 |
| 203353 | Fire Station 17 / INTERIOR | Restroom | The lavatory is mounted higher than 34" to the higher of the rim or counter. Men's and Women's Restrooms Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". | 3 | \$ 1,440 |
| 203354 | Fire Station 17 / INTERIOR | Restroom | Pipes are not insulated. Men's and Women's Restrooms Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 203355 | Fire Station 17 / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's and Women's Restrooms Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 400 |
| 203357 | Fire Station 17 / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's and Women's Restrooms Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 203358 | Fire Station 17 / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's and Women's Restrooms Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,260 |
| 203359 | Fire Station 17 / INTERIOR | Interior Access Route | Clear space is not provided at the control or operating mechanism. Men's and Women's Restrooms Relocate the dispenser and provide compliant clear floor space at each control and operating mechanism that allows a forward or a parallel approach. The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. For a forward approach, alcoves shall be 36" wide minimum where the depth exceeds 24". For a parallel approach, alcoves shall be 60" wide minimum where the depth exceeds 15". Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] | 1 | \$ 400 |

FIRE STATION 17

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|--|----------|---------------|
| 203360 | Fire Station 17 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's and Women's Restrooms</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall.</p> <p>The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 3 | \$ 14,362 |
| 203361 | Fire Station 17 / INTERIOR | Restroom | <p>The shower controls are not mounted at a height 38" minimum and 48" maximum above the shower floor.</p> <p>Men's and Women's Restrooms</p> <p>Relocate the shower controls, shower spray unit, and faucet. In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat, at a height 38" minimum and 48" maximum above the shower floor. The controls, shower spray unit and faucet shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. In transfer type compartments, grab bars shall be provided across the control wall and back wall to a point 18" from the control wall.</p> | 3 | \$ 650 |
| 203363 | Fire Station 17 / INTERIOR | Restroom | <p>A transfer seat is provided but is not compliant.</p> <p>Men's and Women's Restrooms</p> <p>Provide a compliant folding or non-folding seat. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor.</p> | 3 | \$ 1,209 |
| 203364 | Fire Station 17 / INTERIOR | Restroom | <p>The shower area does not have a compliant bench.</p> <p>Men's and Women's Restrooms</p> <p>Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.</p> | 3 | \$ 1,578 |
| 203365 | Fire Station 17 / INTERIOR | Interior Access Route | <p>Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor.</p> <p>Men's and Women's Restrooms</p> <p>Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 400 |

FIRE STATION 17

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|--|----------|---------------|
| 203366 | Fire Station 17 / INTERIOR | Interior Access Route | A compliant turning space is not provided at the change of direction. Men's and Women's Restrooms Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 1,500 |
| 203368 | Fire Station 17 / INTERIOR | Restroom | The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] | 3 | \$ 1,100 |
| 203389 | Fire Station 17 / INTERIOR | Interior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. North and South Stairwells Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | \$ 1,689 |
| 203386 | Fire Station 17 / INTERIOR | Interior Access Route | Handrails are not compliant. North Stairwell Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 1 | \$ 8,476 |
| 203739 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Office across from Men's Restroom Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 203370 | Fire Station 17 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Office across from Men's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 203349 | Fire Station 17 / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Office across from Men's Restroom Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 5 | \$ 400 |
| 203331 | Fire Station 17 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Offices Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 2,000 |

| FIRE STATION 17 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203330 | Fire Station 17 / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Offices, Fitness Room, Sleeping Quarters Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 5 | \$ 4,710 |
| 203323 | Fire Station 17 / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 203408 | Fire Station 17 / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 203410 | Fire Station 17 / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Stall P-1 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 203397 | Fire Station 17 / EXTERIOR | Common Areas | The dining table does not have compliant knee and toe clearance. Patio Provide dining tables with knee and toe clearance. Dining tables shall be minimum 28" and maximum 34" high. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 1,000 |
| 203327 | Fire Station 17 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Police Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 203345 | Fire Station 17 / INTERIOR | Interior Access Route | Clear widths are less than 36" minimum, including protruding objects. Rec Room Relocate the furniture to ensure clear widths of 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to be 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] | 1 | \$ 200 |
| 203371 | Fire Station 17 / INTERIOR | Interior Access Route | At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Sleeping Quarters Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 400 |
| 203740 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Sleeping Quarters Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 300 |
| 203394 | Fire Station 17 / INTERIOR | Interior Access Route | The rear of the stairs is open. South Stairwell Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground. | 1 | \$ 728 |

FIRE STATION 17

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|-----------------------------|----------------------------|-----------------------|---|----------|-------------------|
| 203377 | Fire Station 17 / INTERIOR | Interior Access Route | <p>Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.</p> <p>Unisex Restroom - South</p> <p>Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 300 |
| 203378 | Fire Station 17 / INTERIOR | Restroom | <p>The accessible dispensers are not at compliant heights.</p> <p>Unisex Restroom - South</p> <p>Remove and relocate dispensers so that the highest operable part is at an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [Advisory for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 200 |
| TOTAL ESTIMATED COST | | | | | \$ 105,552 |

| FIRE STATION 18 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200515 | Fire Station 18 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Corridor Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 2,500 |
| 200480 | Fire Station 18 / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Building Exits Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 110 |
| 200492 | Fire Station 18 / INTERIOR | Transient Lodging | The clear floor space at the bed is not compliant. Dorm Room Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.] | 2 | \$ 400 |
| 200493 | Fire Station 18 / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorm Room Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 3 | \$ 2,000 |
| 200507 | Fire Station 18 / INTERIOR | Interior Access Route | The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds. Exercise Room Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |
| 200481 | Fire Station 18 / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Fire Office Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |

| FIRE STATION 18 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200508 | Fire Station 18 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 1,098 |
| 200509 | Fire Station 18 / INTERIOR | Kitchen | The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 2 | \$ 1,986 |
| 200510 | Fire Station 18 / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 2 | \$ 720 |
| 200511 | Fire Station 18 / INTERIOR | Kitchen | Items requiring a reach motion, but do not have an operable part, are not within compliant reach ranges. Kitchen Ensure at least one of each type of dispenser is within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 93 |
| 200512 | Fire Station 18 / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 200889 | Fire Station 18 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 800 |

| FIRE STATION 18 | | | | | |
|-----------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200490 | Fire Station 18 / INTERIOR | Common Areas | The height of the shelving is not within reach range. Laundry Room Install shelving within at least one of the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 200888 | Fire Station 18 | Interior Access Route | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 800 |
| 200498 | Fire Station 18 / INTERIOR | Restroom | The required clearance at the entry to the transfer stall is not provided. Men's & Women's Restroom Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided. | 3 | \$ 6,000 |
| 200500 | Fire Station 18 / INTERIOR | Restroom | Controls on dispensers are not compliant. Men's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 200501 | Fire Station 18 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 200502 | Fire Station 18 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 200503 | Fire Station 18 / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Men's Restroom Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 3 | \$ 200 |

FIRE STATION 18

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|---|----------|---------------|
| 200504 | Fire Station 18 / INTERIOR | Restroom | A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19". Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. | 3 | \$ 2,750 |
| 200505 | Fire Station 18 / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 200471 | Fire Station 18 / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Lot 1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 280 |
| 200472 | Fire Station 18 / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 200473 | Fire Station 18 / EXTERIOR | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 200474. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | \$ 1,750 |
| 200474 | Fire Station 18 / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200473. The cost of this barrier removal is covered under ID 200473 and therefore, the cost of this ID is shown as \$0. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ - |
| 200477 | Fire Station 18 / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |

| FIRE STATION 18 | | | | | |
|-----------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200514 | Fire Station 18 / EXTERIOR | Entrance to Building | The threshold at the accessible door is raised; however the ends are not beveled. Patio Entrance Remove and replace with a threshold that is ½" or less in height; or beveled with a slope no greater than 1:2. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] Changes in level up to 1/4" max. are permitted to be vertical. | 1 | \$ 179 |
| 200478 | Fire Station 18 / EXTERIOR | Exterior Access Route | Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Public Entrance Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | \$ 93 |
| 200479 | Fire Station 18 / EXTERIOR | Entrance to Building | The threshold at the accessible door is raised; however the ends are not beveled. Public Entrance Remove and replace with a threshold that is ½" or less in height; or beveled with a slope no greater than 1:2. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] Changes in level up to 1/4" max. are permitted to be vertical. | 1 | \$ 179 |
| 200475 | Fire Station 18 / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Public Entrance Walkway Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 770 |
| 200476 | Fire Station 18 / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Rear Patio Access Route Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 44" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 5 | \$ 1,750 |
| 200506 | Fire Station 18 / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Throughout Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 279 |
| 200487 | Fire Station 18 / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 2,700 |
| 200482 | Fire Station 18 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 200483 | Fire Station 18 / INTERIOR | Restroom | The side grab bar at the water closet is not compliant. Unisex Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 355 |
| 200485 | Fire Station 18 / INTERIOR | Restroom | Controls on dispensers are not compliant. Unisex Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 200486. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 200486 | Fire Station 18 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with barrier ID 200485. The cost of this barrier removal is covered under ID 200485 and therefore, the cost of this ID is shown as \$0. | 2 | \$ - |

FIRE STATION 18

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|-----------------------------|----------------------------|----------|--|----------|------------------|
| 200494 | Fire Station 18 / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Women's Restroom Install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |
| 200495 | Fire Station 18 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 200496 | Fire Station 18 / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 200497 | Fire Station 18 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| TOTAL ESTIMATED COST | | | | | \$ 34,590 |

HARTMAN PARK - REDMOND POOL

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 203448 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Adjacent to Parking Stall P2-1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 250 |
| 203440 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The curb ramp does not meet the slope requirements. Curb Ramp CR-1 The curb ramp should be removed and replaced with a compliant ramp with no greater than the maximum allowable slopes of a ramp. This barrier must be removed in conjunction with barrier ID 203442. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 (8.33%) maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. In facilities built before 1/26/92, the running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10% for a maximum rise of 6".] Where flares are provided, flare slopes shall not be greater than 1:10 (10%). [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] | 1 | \$ 1,750 |
| 203442 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The adjacent surfaces at transitions to adjoining walks, gutters and streets at the curb ramp are not at the same level. Curb Ramp CR-1 Replace the curb ramp to ensure that the transitions to adjacent walks, gutters and streets are at the same level. This barrier must be removed in conjunction with barrier ID 203440. The cost of this barrier removal is covered under barrier ID 203440 and therefore, the cost is shown as \$0. Provide compliant vertical level change at the intersection of the concrete curb ramp and the adjacent pavement. Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. [Advisory 303.3 Beveled. A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with requirements for curb ramp slopes.] Changes in level greater than 1/2" high shall be ramped, and shall comply with curb ramp running slope requirements. | 1 | \$ - |
| 203443 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Parking Lot 1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 250 |
| 203444 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The accessible route has areas of vertical level changes in excess of 1/4" that are not beveled or ramped. Parking Lot 1 The accessible route should be repaired to eliminate vertical level changes greater than 1/4". Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Changes in level greater than 1/2" shall be ramped. | 1 | \$ 40 |
| 203445 | Hartman Park - Redmond Pool / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant. Parking Lots 1 and 2 Stripe with a compliant accessible van stall and access aisle. This barrier must be removed in conjunction with ID 203441. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 22,600 |
| 203441 | Hartman Park - Redmond Pool / EXTERIOR | Accessible Parking | The minimum number of accessible parking spaces is not provided. Parking Lots 1 and 2 Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with ID 203445. The cost for this barrier removal is covered by ID 203445, therefore the cost is shown as \$0. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility. Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2 % of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars) | 1 | \$ - |

HARTMAN PARK - REDMOND POOL

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|-----------------------------|--|-----------------------|---|----------|------------------|
| 203446 | Hartman Park - Redmond Pool / EXTERIOR | Accessible Parking | An access aisle is not provided. Parking Stall P2-1 Re-stripe and add an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:48 (2.08%) in all directions. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle. Accessible routes must connect parking spaces to accessible entrances. In parking facilities where the accessible route must cross vehicular traffic lanes, marked crossings enhance pedestrian safety, particularly for people using wheelchairs and other mobility aids. Where possible, it is preferable that the accessible route not pass behind parked vehicles. Access aisles serving car and van parking spaces shall be 60" wide minimum. Access aisles shall extend the full length of the parking spaces they serve. Access aisles shall be marked so as to discourage parking in them. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Access aisles are required to be nearly level in all directions to provide a surface for wheelchair transfer to and from vehicles. The exception allows sufficient slope for drainage. Built-up curb ramps are not permitted to project into access aisles and parking spaces because they would create slopes greater than 1:48. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98" minimum. Width measurements of parking spaces and access aisles shall be made from the centerline of the markings. Where accessible stalls and aisles are not adjacent to accessible stalls and aisles, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. | 1 | \$ 420 |
| 203447 | Hartman Park - Redmond Pool / EXTERIOR | Accessible Parking | The slope of the parking space is greater than 1:50 (2%). Parking Stall P2-1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 203449 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The ramp has a running slope in excess of 1:12 (8.33%) and/or cross slope in excess of 1:48 (2.08%). Ramp R-1 Remove the existing ramp and provide a compliant ramp. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] Ramp runs shall have cross slopes not greater than 1:50 (2%). [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Either regrade to a maximum running slope of 1:20 (5%) for the walking surface, or provide a compliant ramp. The cost estimate for this barrier removal is based on providing a compliant ramp. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 3,972 |
| 203450 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The accessible route has cross slopes greater than 1:50 (2%). Route from Parking Lot 2 The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 1,600 |
| TOTAL ESTIMATED COST | | | | | \$ 37,182 |

| KING COUNTY COMMUTER PARKING | | | | | |
|------------------------------|------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202254 | King County Commuter Parking | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 202255. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ 1,750 |
| 202255 | King County Commuter Parking | Exterior Access Route | WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Curb Ramp 1 (CR1) Remove the detectable warning with truncated domes, and install a compliant detectable warning. This barrier must be removed in conjunction with barrier ID 202254. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps]. | 1 | \$ 640 |
| 202256 | King County Commuter Parking | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp 1 (CR1) Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 224 |
| 203000 | King County Commuter Parking | Accessible Parking | A standard accessible stall is not provided. Parking Lot Provide a standard accessible stall with an aisle at a location closest to an accessible facility entrance. This barrier must be removed in conjunction with barrier ID # 202246, 203001 & 203002. The cost to repair this barrier is included in the other barriers. The minimum width of a standard stall is 96". The width of an aisle serving a standard accessible stall shall be 60" minimum. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. | 1 | \$ 1,440 |
| 203001 | King County Commuter Parking | Accessible Parking | WASHINGTON: Compliant signage is not provided at the standard space. Parking Lot Provide a mounted sign for an accessible standard car stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID #202246, 203000 & 203002. The cost to repair this barrier is included in the other barriers. The ISA shall be white on a blue background. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 840 |
| 203002 | King County Commuter Parking | Accessible Parking | WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot Provide a compliant vertical car accessible access aisle sign indicating "No Parking". This barrier must be removed in conjunction with barrier ID #202246, 203000, & 203001. The cost to repair this barrier is included in the other barriers. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 560 |
| 202246 | King County Commuter Parking | Accessible Parking | The minimum number of accessible parking spaces is not provided. Parking Lot Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with barrier ID 203000, 203001, & 203002. The cost to repair this barrier is included in the other barriers. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility. Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2 % of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars) | 1 | \$ - |
| 202249 | King County Commuter Parking | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Lot - Access Aisle Serving Stalls P1 & P2 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 202250 | King County Commuter Parking | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot - Access Aisle Serving Stalls P1 & P2 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 202253 | King County Commuter Parking | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Parking Lot - Southwest Coner Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 1,189 |

| KING COUNTY COMMUTER PARKING | | | | | |
|------------------------------|------------------------------|-----------------------|--|----------|------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202248 | King County Commuter Parking | Accessible Parking | The slope of the parking space is greater than 1:50 (2%). Parking Lot - Stall P1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 202251 | King County Commuter Parking | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Lot - Stall P2 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 202252 | King County Commuter Parking | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Parking Lot to Bus Stop - Southeast Corner Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 1,200 |
| TOTAL ESTIMATED COST | | | | | \$ 25,723 |

| MEDIC 23 QUARTERS AT EVERGREEN HOSPITAL | | | | | |
|---|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203414 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Common Areas | The height of the washing machine and dryer are greater than 36" to the top of the units. Garage Replace the washing machine and dryer with units of maximum height 36". This barrier must be removed in conjunction with ID 203763. The cost for this barrier removal is covered by ID 203763, therefore the cost is shown as \$0. Top loading machines shall have the door to the laundry compartment located 36" maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15" minimum and 36" maximum above the finish floor. | 5 | \$ - |
| 203415 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. Garage Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 400 |
| 203416 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Garage Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 203763 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Common Areas | The washing machine and dryer controls are not within reach range. Garage Replace the washing machine and dryer with units that have controls within an obstructed high reach range. This barrier must be removed in conjunction with ID 203414. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 1,600 |
| 203422 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners. | 5 | \$ 759 |
| 203423 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | Less than minimum one of each type of operable part is within reach range. Kitchen Install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 400 |
| 203424 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 1,688 |
| 203425 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | The oven does not have an adjacent work surface which is a minimum height of 28" and maximum height of 34", or an adjustable work surface ranging from minimum 29" to 36" maximum. Kitchen Remove and install a kitchen work surface adjacent to the oven that is maximum 34" height or an adjustable work surface which can be adjusted from minimum 29" to maximum 36". The work surface shall be positioned adjacent to the latch side of a side-hinged oven door, or adjacent to one side of a bottom-hinged oven door. Modify or replace counter to provide a minimum 30" wide section with maximum height 34" with knee and toe clearance adjacent to the oven. The work surface shall also have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | \$ 2,382 |
| 203426 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 900 |

| MEDIC 23 QUARTERS AT EVERGREEN HOSPITAL | | | | | |
|---|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203428 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Kitchen Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 5 | \$ 720 |
| 203429 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Kitchen Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 400 |
| 203439 | Medic 23 Quarters at Evergreen Hospital / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Medic Station Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 203419 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Rec Room Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 300 |
| 203437 | Medic 23 Quarters at Evergreen Hospital / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Route to Garage Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. The minimum clear width of a curb ramp run shall be 44". Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | \$ 1,750 |
| 203438 | Medic 23 Quarters at Evergreen Hospital / EXTERIOR | Exterior Access Route | The accessible route has cross slopes greater than 1:50 (2%). Route to Medic Station Entrance The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 317 |

MEDIC 23 QUARTERS AT EVERGREEN HOSPITAL

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|-----------------------------|--|----------|--|----------|------------------|
| 203430 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Restroom | <p>The entire restroom is not compliant due to limited room dimensions.</p> <p>Water Closet and Shower Room</p> <p>Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above</p> | 5 | \$ 24,000 |
| TOTAL ESTIMATED COST | | | | | \$ 37,066 |

| MUNICIPAL CAMPUS PARKING GARAGE | | | | | |
|---------------------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201169 | Municipal Campus Parking Garage / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201170. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ 1,750 |
| 201170 | Municipal Campus Parking Garage / EXTERIOR | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201169. The cost of this barrier removal is covered under ID 201169 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | \$ - |
| 201172 | Municipal Campus Parking Garage / EXTERIOR | Exterior Access Route | WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Curb Ramp 2 (CR2) & Curb Ramp 3 (CR3) Remove the detectable warning with truncated domes, and install a compliant detectable warning. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps]. | 1 | \$ 1,280 |
| 202237 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | The minimum number of accessible parking spaces is not provided. Parking Ramp Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 203056 & 202238. The cost to repair this barrier is included in the other barriers. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility. Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2 % of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars) | 1 | \$ - |
| 202238 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Ramp Provide 2 additional van accessible parking stalls. Stripe with a compliant accessible van stall and access aisle. This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 203056 & 202237. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 2,800 |
| 202243 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | Accessible parking spaces are not at the nearest accessible entrance. Parking Ramp Relocate and/or provide additional accessible parking so it is located closest to the nearest entrance on an accessible route. This barrier must be removed in conjunction with barrier ID 203053, 203055, 203056, 202237 & 202238. The cost to repair this barrier is included in the other barriers. Parking spaces for disabled people and accessible passenger loading zones that serve a particular building shall be the spaces or zones located closest to the nearest accessible entrance on an accessible route. Compliant parking spaces that serve a particular building or facility shall be located on the shortest accessible route from parking to a compliant entrance. Where parking serves more than one accessible entrance, compliant parking spaces shall be dispersed and located on the shortest accessible route to the accessible entrances. In parking facilities that do not serve a particular building or facility, compliant parking spaces shall be located on the shortest accessible route to an accessible pedestrian entrance of the parking facility. [EXCEPTIONS: 1. All van parking spaces shall be permitted to be grouped on one level within a multi-story parking facility. 2. Parking spaces shall be permitted to be located in different parking facilities if substantially equivalent or greater accessibility is provided in terms of distance from an accessible entrance or entrances, parking fee, and user convenience.] | 1 | \$ - |
| 203053 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | A standard accessible stall is not provided. Parking Ramp Provide a standard accessible stall with an aisle at a location closest to an accessible facility entrance. This barrier must be removed in conjunction with barrier ID 202243, 203055, 203056, 202237 & 202238. The minimum width of a standard stall is 96". The width of an aisle serving a standard accessible stall shall be 60" minimum. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. | 1 | \$ 1,440 |
| 203055 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | WASHINGTON: Compliant signage is not provided at the standard space. Parking Ramp Provide a mounted sign for an accessible standard car stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID 202243, 203053, 203056, 202237 & 202238. The ISA shall be white on a blue background. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 840 |
| 203056 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not provided. Parking Ramp Provide a compliant vertical car accessible access aisle sign indicating "No Parking". This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 202237 & 202238. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 560 |
| 202239 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not provided. Parking Ramp Level 2 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 560 |

| MUNICIPAL CAMPUS PARKING GARAGE | | | | | |
|---------------------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202241 | Municipal Campus Parking Garage / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Southeast Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202231 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Southeast Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 2,282 |
| 202232 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southeast Stair Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 1,456 |
| 202229 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | The height of the interior accessible route is less than 80" AFF. Southwest & Southeast Stair Ensure minimum vertical clearance of 80" is provided, unless a barrier or guardrail is installed to warn blind or visually impaired persons. The leading edge of such a barrier or guardrail shall be located 27" maximum above finish floor. | 1 | \$ 1,456 |
| 202244 | Municipal Campus Parking Garage / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Southwest Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. This barrier must be removed in conjunction with barrier ID 202236 & 202245. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202245 | Municipal Campus Parking Garage / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Southwest Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 202236 & 202244. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202236 | Municipal Campus Parking Garage / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Southwest Entrance Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 202245 & 202244. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 202228 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Southwest Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 2,119 |
| 202230 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southwest Stair Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 2,184 |

| MUNICIPAL CAMPUS PARKING GARAGE | | | | | |
|---------------------------------|--|-----------------------|--|----------|------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202235 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southwest Stair - Level 1 Elevator & Stair Lobby Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 202233 | Municipal Campus Parking Garage / EXTERIOR | Exterior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Southwest Stair- Level 4 Elevator & Stair Access Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.] | 1 | \$ 728 |
| TOTAL ESTIMATED COST | | | | | \$ 24,112 |

| OLD FIRE STATION TEEN CENTER | | | | | |
|------------------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197401 | Old Fire Station Teen Center / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrance E-1 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 197412 | Old Fire Station Teen Center / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrance E-2 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 197434 | Old Fire Station Teen Center / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 197393 | Old Fire Station Teen Center / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Entrance E-4 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 197372 | Old Fire Station Teen Center / INTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Entrance E-4 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | \$ 366 |
| 197354 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Front Desk Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 199234 | Old Fire Station Teen Center / INTERIOR | Common Areas | The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface. | 2 | \$ 1,804 |
| 197359 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Desk - Storage Room, Staff Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 400 |
| 197355 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Front Desk, Bridge of Promise Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 2,500 |
| 197340 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Entry, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 1,000 |

| OLD FIRE STATION TEEN CENTER | | | | | |
|------------------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197345 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Front Hallway Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | \$ 5,439 |
| 197356 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The space between two doors in a series is less than 48" clear with doors open 90 degrees. Front Office Remove and replace with doors in a series that have at 48" of clear space between them, plus the width of any door swinging into the space. The distance between two hinged or pivoted doors in series and gates in series shall be 48" minimum plus the width of doors or gates swinging into the space. | 1 | \$ 1,080 |
| 197358 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The threshold at the accessible door is greater than 1/2" in height. Front Office - Rear Storage Room Remove and replace with a threshold that is 1/2" or less in height. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 197360 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Game Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 197361 | Old Fire Station Teen Center / INTERIOR | Common Areas | The locker room does not have at least one of the shelves at 40" minimum and 48" maximum height. Game Room Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 330 |
| 197373 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Game Room Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 199235 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Game Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 197390 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The accessible route does not have 80" vertical clearance. Gate G-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail, with at least one horizontal member 27" high maximum, shall be provided. | 1 | \$ 200 |
| 197403 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The gate hardware is not compliant. Gate G-3 Handles, pulls, latches, locks and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Lever-operated mechanisms, push-type mechanisms and U-shaped handles are acceptable designs. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 200 |
| 197413 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The gate maneuvering clearance area is not compliant. Gate G-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate and the required latch side or hinge side clearance. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] | 1 | \$ 568 |
| 197391 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Gates G-1, G-2, G-3, G-4 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | \$ 640 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197414 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The gate maneuvering clearance area is not compliant. Gates G-1, G-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 60". The required side clearance of 18" on the latch side of the gate shall be provided within the maneuvering clearance area. Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate and the required latch side clearance. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] | 1 | \$ 1,136 |
| 197379 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Kitchen Relocate refrigerator or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 250 |
| 197380 | Old Fire Station Teen Center / INTERIOR | Kitchen | The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners. | 4 | \$ 759 |
| 197381 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 200 |
| 197382 | Old Fire Station Teen Center / INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | \$ 1,688 |
| 197383 | Old Fire Station Teen Center / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Kitchen Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 197384 | Old Fire Station Teen Center / INTERIOR | Kitchen | A minimum 30" wide section of the counter is not a minimum height of 28" and maximum height of 34" with knee and toe clearance. Kitchen Remove and install a kitchen counter that has a minimum 30" wide section of the work surface at minimum 28" height and maximum 34" height, and provides knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 4 | \$ 2,382 |
| 197386 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 400 |
| 197387 | Old Fire Station Teen Center / INTERIOR | Kitchen | The clearance between opposing base cabinets, counter tops, appliances or walls within kitchen work areas in a U-shaped kitchen enclosed on three sides are less than 60". Kitchen Relocate elements or remove elements to create minimum 60" clearance between opposing base cabinets, counter tops, appliances or walls within kitchen work areas. [EXCEPTION: Spaces that do not provide a cooktop or conventional range shall not be required to comply with 804.2.] | 4 | \$ 9,850 |
| 199251 | Old Fire Station Teen Center / INTERIOR | Kitchen | Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant. | 2 | \$ 65 |
| 199228 | Old Fire Station Teen Center / INTERIOR | Employee Work Areas | The work surface is not compliant. Manager's Office, Bridge of Promise Office, Front Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 5 | \$ 3,091 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 199225 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Manager's Office, Front Desk (2), Bridge of Promise Office Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 5 | \$ 1,172 |
| 199224 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The door has less than 32" clear width. Manager's Office, Front Desk Storage Room, Bridge of Promise Office Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 5 | \$ 7,800 |
| 199226 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43". Manager's Office, Staff Meeting Room, Bridge of Promise Office Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 5 | \$ 7,800 |
| 199227 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Manger's Office, Bridge of Promise Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 1,000 |
| 197346 | Old Fire Station Teen Center / INTERIOR | Restroom | Restroom is not accessible, and directional signs to the nearest accessible restroom is not provided. Men's and Women's Restrooms Provide compliant directional signage to the closest accessible restroom. The directional signage shall include the International Symbol of Accessibility. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 110 |
| 197432 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Stall P2-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 197395 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle is not compliant. Parking Stall P2-1 Stripe with a compliant van accessible access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 420 |
| 197388 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Stalls P1-1 and P1-2 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 560 |
| 197389 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Stalls P1-1, P1-2 and P2-1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 560 |
| 197423 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Stalls P1-2 and P2-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 12,600 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197400 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance. Patio and Picnic Areas Provide a compliant picnic table that allows a clear space of 30" minimum x 48" minimum positioned for forward approach. The table must provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Wheelchair spaces shall adjoin accessible routes. Accessible routes and circulation paths shall not overlap wheelchair spaces. Clear space shall be maximum 1:48 (2.08%) in all directions and a firm and stable surface. | 2 | \$ 3,900 |
| 197416 | Old Fire Station Teen Center / EXTERIOR | Site Furnishings | Clear ground space is not provided at the trash receptacle with lid requiring operation. Patio Area Provide a clear ground space at the trash receptacle with closed lid. A compliant clear floor or ground space shall be provided. Floor or ground surfaces of a clear floor or ground space shall be stable, firm and slip resistant. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. | 2 | \$ 237 |
| 197418 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | Clear ground space is not provided at the operable part. Patio Area Provide clear ground space at the operable part. The clear ground space shall be 30" minimum by 48" minimum, with a maximum slope of 2.08% in all directions. Clear ground space shall be positioned for either a forward or parallel approach to the operable part. The clear ground space shall be permitted to include knee and toe clearance. The clear ground space shall adjoin an accessible route or another clear ground space. Where a clear ground space is located in an alcove or otherwise confined on 3 or more sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24" for a forward approach. Alcoves shall be 60" wide minimum where the depth exceeds 15" for a parallel approach. | 2 | \$ 237 |
| 197408 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Picnic Area Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 672 |
| 197409 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Picnic Area Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 178 |
| 197410 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | Clear ground space is not provided at the operable part. Picnic Area Provide clear ground space at the operable part. The clear ground space shall be 30" minimum by 48" minimum, with a maximum slope of 2.08% in all directions. Clear ground space shall be positioned for either a forward or parallel approach to the operable part. The clear ground space shall be permitted to include knee and toe clearance. The clear ground space shall adjoin an accessible route or another clear ground space. Where a clear ground space is located in an alcove or otherwise confined on 3 or more sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24" for a forward approach. Alcoves shall be 60" wide minimum where the depth exceeds 15" for a parallel approach. | 2 | \$ 478 |
| 197402 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: An exterior accessible route is not provided. Picnic Area - Stage Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 551 |
| 197362 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Recording Studio Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 879 |

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|------------------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197363 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | A platform lift is required but not provided. Recording Studio Install a platform lift. Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible. | 1 | \$ 22,525 |
| 197364 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Handrails are not compliant. Recording Studio Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 1 | \$ 815 |
| 197353 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The existing signage is not mounted at the latch side of the door or at a compliant height. Recording Studio Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 55 |
| 197368 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Recording Studio Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 400 |
| 197370 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio Relocate the equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 250 |
| 197366 | Old Fire Station Teen Center / INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Recording Studio - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | \$ 1,030 |
| 197367 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio - Sound Booth Door Relocate equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |

| OLD FIRE STATION TEEN CENTER | | | | | |
|------------------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197429 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Entrance E-4 to Gate G-2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 716 |
| 197425 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Gate G-1 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 1,000 |
| 197415 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Route from Gate G-4 to Entrance E-1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 495 |
| 197420 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Parking Lot 1 to the Entrance E-1 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 7,928 |
| 197398 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The clear width of the exterior accessible route is less than 44". Route from Parking Lot 2 to Entrance E-3 Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 107 |
| 197430 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Parking Stall P2-1 Access Aisle to Gate G-2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 600 |
| 197419 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from the Entrance E-1 to the Public Sidewalk Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 356 |
| 197399 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The sidewalk does not have 80" vertical clearance. Route to Entrance E-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail 27" high maximum shall be provided. | 1 | \$ 500 |
| 197319 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Steps do not have uniform and compliant riser heights and/or tread depths. Show Room - Sound Booth All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum. | 1 | \$ 688 |

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|------------------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197320 | Old Fire Station Teen Center / INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Show Room - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | \$ 4,764 |
| 197321 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The gate does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate. Show Room - Sound Booth Provide a swinging gate with a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | \$ 160 |
| 199421 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Handrails are not provided. Show Room - Sound Booth Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] | 1 | \$ 1,304 |
| 199422 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | A ramp is required but not provided. Show Room - Sound Booth Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces. | 1 | \$ 12,578 |
| 199423 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The ramp run rises 6" or greater but has no handrails. Show Room - Sound Booth Install compliant handrails on each side of ramp. Handrails are required on ramp runs with a rise greater than 6". Handrails are not required on walking surfaces with running slopes less than 1:20. Handrails shall be provided on both sides of ramps. [EXCEPTION: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each ramp run. Inside handrails on ramps shall be continuous between runs. [EXCEPTION: In assembly areas, handrails on ramps shall not be required to be continuous in aisles serving seating.] Handrails shall be at a consistent height above the ramp on both sides of the ramp. Tops of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. [ADVISORY: The requirements for ramp handrails are for adults. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28", measured to the top of the gripping surface from the ramp surface or stair nosing, is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Ramp handrails shall extend horizontally above the landing for 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. Edge Protection: A curb or barrier shall be provided that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finish floor or ground surface, or the surface of the ramp shall extend 12" minimum beyond the handrail. [EXCEPTIONS: 1. Edge protection is not required on ramps that are not required to have handrails and curb ramps with flares. 2. Edge protection is not required on the sides of ramp landings serving an adjoining ramp run. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum landing area.] | 1 | \$ 10,080 |

| OLD FIRE STATION TEEN CENTER | | | | | |
|------------------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 199424 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The gate is less than 32" in width. Show Room - Sound Booth Gates shall have a minimum clear opening of 32" with the gate open 90°, measured between the face of the gate and the stop. Door and gate openings shall provide a clear width of 32" minimum. Clear openings of doorways or gates with swinging doors and gates shall be measured between the face of the door/gate and the stop, with the door/gate open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 1 | \$ 568 |
| 199229 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Steps do not have uniform and compliant riser heights and/or tread depths. Show Room - Stage All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. This barrier must be removed in conjunction with ID 197313. The cost for this barrier removal is covered by ID 197313, therefore the cost is shown as \$0. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum. | 1 | \$ - |
| 197312 | Old Fire Station Teen Center / INTERIOR | Common Areas | An accessible route does not connect the assembly area wheelchair spaces with performing areas. Show Room - Stage Provide an accessible route between the wheelchair spaces in the assembly area and the performing area. Performing areas include stages, arena floors, dressing rooms, locker rooms, and other spaces used by performers. An accessible route is minimum 36" wide, maximum 1:20 (5%) running slope, and maximum 1:50 (2%) cross slope. A stairway is not acceptable as the only available path of travel along an accessible route. | 2 | \$ 6,000 |
| 197313 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Stairs have open risers. Show Room - Stage Replace with compliant stairs that have closed risers. Open risers are not permitted. This barrier must be removed in conjunction with ID 199229. | 1 | \$ 5,040 |
| 197315 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Handrails are not compliant. Show Room - Stage Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 1 | \$ 3,260 |
| 197311 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Means of egress signage does not have tactile lettering. Show Room (2), Front Entry, Recording Studio, Couch Room Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 275 |
| 197317 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route. Show Room, Couch Room Relocate objects so that leading edges are below 27" or install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 2,184 |
| 199233 | Old Fire Station Teen Center / INTERIOR | Common Areas | The door does not have 80" minimum vertical clearance from finish floor, excluding the door closer hinged bar and door stops. Show Room, Game Room, Couch Room Provide a door with 80" minimum vertical clearance. [EXCEPTION: Door closer and door stops can be 78" minimum.] | 1 | \$ 7,800 |
| 197341 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Sports Closet, Arts Closet Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 110 |
| 197310 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Staff Offices Relocate furniture or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 2,500 |

| OLD FIRE STATION TEEN CENTER | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197342 | Old Fire Station Teen Center / INTERIOR | Employee Work Areas | The door does not have 80" minimum vertical clearance from finish floor, excluding door closer hinged bar and door stops which can be 78" minimum. Staff Offices (2), Front Desk (2), Bridge of Promise Office Provide accessible door with 80" minimum vertical clearance. [EXCEPTION: Door closer and door stops can be 78" minimum.] | 5 | \$ 13,000 |
| 197309 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The existing signage is not mounted at the latch side of the door or at a compliant height. Staff Offices, Staff Meeting Room Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 220 |
| 197318 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Stage Room, Game Room, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 600 |
| 197323 | Old Fire Station Teen Center / INTERIOR | Restroom | The threshold at the accessible door is greater than 1/2" in height. Unisex Restroom Remove and replace with a threshold that is 1/2" or less in height. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 3 | \$ 1,250 |
| 197324 | Old Fire Station Teen Center / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | \$ 1,250 |
| 197326 | Old Fire Station Teen Center / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Unisex Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 293 |
| 197327 | Old Fire Station Teen Center / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10' maximum. Where the reach depth exceeds 10', the high side reach shall be 46" maximum for a reach depth of 24' maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 197328 | Old Fire Station Teen Center / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19". | 3 | \$ 1,368 |
| 197330 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |

| OLD FIRE STATION TEEN CENTER | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197331 | Old Fire Station Teen Center / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Unisex Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |
| 197333 | Old Fire Station Teen Center / INTERIOR | Restroom | The rear grab bar at the water closet is not compliant. Unisex Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33' minimum and 36' maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18' minimum and 27' maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 355 |
| 197334 | Old Fire Station Teen Center / INTERIOR | Restroom | The space between the grab bar and projecting objects above the grab bar is less than 12" minimum. Unisex Restroom Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1- 1/2" minimum.] | 3 | \$ 100 |
| 197337 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restroom Install compliant shower spray unit and controls in the roll-in shower. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall be mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate. | 3 | \$ 500 |
| 197339 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present at the water closet. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 199231 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: Grab bars are not provided or are not compliant in the roll-in shower. Unisex Restroom Install compliant grab bars in the roll-in shower. [EXCEPTIONS: 1. Grab bars shall not be required to be installed in a shower located in a bathing facility for a single occupant accessed only through a private office, and not for common use or public use provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars. 2. In residential dwelling units, grab bars shall not be required to be installed in showers located in bathing facilities provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars.] Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. A grab bar shall be provided on the back wall beginning at the edge of the seat. The back wall grab bar shall extend the length of the wall but is not required to exceed 48" in length. Where a side wall is provided opposite the seat within 72" of the seat wall, provide a grab bar on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall, but is not required to exceed 30" in length. Grab bars shall be installed 6" maximum from adjacent walls. Grab bars shall have a compliant cross section. Grab bars with circular cross sections shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with non-circular cross sections shall have a cross-section dimension of 2" maximum and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends shall be 1-1/2" minimum. The space between the grab bar and projecting objects above shall be 12" minimum. [EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1- 1/2" minimum.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure. | 3 | \$ 1,405 |
| 199232 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restroom Install compliant shower spray unit and controls in the roll-in shower. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate. | 3 | \$ 1,405 |
| TOTAL ESTIMATED COST | | | | | \$ 23,139 |

| POLICE GARAGE NORTH | | | | | |
|-----------------------------|---------------------|-----------------------|---|----------|-----------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201166 | Police Garage North | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201167 & 201168. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ 1,750 |
| 201167 | Police Garage North | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201166 & 201168. The cost of this barrier removal is covered under ID 201166 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | \$ - |
| 201168 | Police Garage North | Exterior Access Route | The curb ramp landing is not level. The slope of the curb ramp landing exceeds the maximum allowable 1:48 (2.08%). Curb Ramp 1 (CR1) Provide a level landing at the top of the curb ramp with maximum slope 1:48 (2.08%). This barrier must be removed in conjunction with barrier ID 201166 & 201167. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] The landing slope may have maximum 1:20 (5%) running slope, if the sidewalk is parallel/continuous with the running slope of the curb ramp, and a sidewalk with the dominant path of travel perpendicular to the dominant path of travel of the curb ramp is not provided. | 1 | \$ 1,289 |
| 201330 | Police Garage North | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201331. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ 1,750 |
| 201331 | Police Garage North | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201330. The cost of this barrier removal is covered under ID 201330 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | \$ - |
| TOTAL ESTIMATED COST | | | | | \$ 4,789 |

| POLICE GARAGE SOUTH | | | | | |
|-----------------------------|---------------------|-----------------------|--|----------|-----------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| | | | <p>WASHINGTON: The slopes of the exterior accessible route are not compliant.</p> <p>Access Route to Building Entrance</p> <p>Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | | |
| 202226 | Police Garage South | Exterior Access Route | | 1 | \$ 1,189 |
| TOTAL ESTIMATED COST | | | | | \$ 1,189 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201326 | Public Safety Building / EXTERIOR | Exterior Access Route | Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Auto Sallyport J100 Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | \$ 1,000 |
| 202827 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Break Room 254 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 201320. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 201319 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Break Room 254 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 201320 | Public Safety Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Break Room 254 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 202827. The cost of this barrier removal is covered under ID 202827 and therefore, the cost of this ID is shown as \$0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ - |
| 201198 | Public Safety Building / INTERIOR | Interior Access Route | Means of egress signage is not provided. Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55% minimum and 110% maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 3 | \$ 220 |
| 201305 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Coffee Alcove 243 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 201306 | Public Safety Building / INTERIOR | Kitchen | The height of controls throughout the common area are not compliant. Coffee Alcove 243 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 125 |
| 201274 | Public Safety Building / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Corridor 287 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | \$ 5,439 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201275 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Corridor 287 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 201332 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201333 & 201334. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ 1,750 |
| 201333 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201332 & 201334. The cost of this barrier removal is covered under ID 201332 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | \$ - |
| 201334 | Public Safety Building / EXTERIOR | Exterior Access Route | A landing at the top of the curb ramp is not present. Curb Ramp 1 (CR1) Construct a landing at the top of the curb ramp. This barrier must be removed in conjunction with barrier ID 201333 & 201334. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing. [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] The slope of the landing, where the landing connects to a sidewalk aligned perpendicular or angled to the curb ramp run requiring a wheelchair turn, shall be maximum 1:48 (2.08%). Where the landing connects to a sidewalk where the path of travel continues only in the same alignment as the curb ramp run, the slope of the landing may be maximum 5%. | 1 | \$ 1,289 |
| 201328 | Public Safety Building / EXTERIOR | Exterior Access Route | Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Entry 197 Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | \$ 150 |
| 201242 | Public Safety Building / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Entry 197 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | \$ 5,439 |
| 201243 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entry 197 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 201244 | Public Safety Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Entry 197 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 500 |
| 201327 | Public Safety Building / EXTERIOR | Exterior Access Route | The hardware at the accessible door is mounted below 34" or above 48". Entry J101 Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 676 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201179 | Public Safety Building / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Entry Lobby 101 Install accessible drinking fountain(s). This barrier must be removed in conjunction with barrier ID 201180. No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | \$ 5,439 |
| 201180 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entry Lobby 101 Install cane detectors. This barrier must be removed in conjunction with barrier ID 201179. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 201206 | Public Safety Building / INTERIOR | Common Areas | The vending machines have operable parts which are not within reach range. Entry Vestibule 117 & Room 140 Where provided, at least one of each type of depository, vending machine, change machine, and fuel dispenser shall comply. A clear floor or ground space shall be provided. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 9,762 |
| 201270 | Public Safety Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Exercise 165 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 250 |
| 201271 | Public Safety Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Exercise 165 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 201329 | Public Safety Building / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Gate 1 (G1) & Gate 2 (G2) Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | \$ 320 |
| 201341 | Public Safety Building / INTERIOR | Common Areas | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Jail Booking Area J104 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | \$ 5,439 |
| 201342 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Jail Booking Area J104 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201339 | Public Safety Building / INTERIOR | Detention/Correctional Facilities | <p>Less than 3% of the detention cells are mobility cells. Jail Cells J106, J107, J111, J125, J127</p> <p>Provide a minimum of 3%, but no fewer than one, of the total number of cells being altered or constructed until at least 3%, but no fewer than one, of the total number of cells in a facility. provide mobility features. Required mobility features are: Where separate holding cells are provided for adult male, juvenile male, adult female or juvenile female, one of each type shall comply. Where central holding cells are provided and are not separated by age or sex, at least one cell shall have mobility features. Provide a wheelchair toilet stall within the cell with minimum dimensions: 60" minimum wide by 56" minimum deep for a wall hung toilet or 60" minimum wide by 59" minimum deep for floor mounted toilet. The lavatory shall not overlap the required clear space at the toilet of minimum 60" measured from side wall and minimum 56" measured from rear wall. Measurements shall be perpendicular to the wall. A turning space minimum 60" in diameter, or a T-shaped space shall be provided within the cell. A T-shaped turning space shall be within a 60" square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each directions and the base shall be clear of obstructions 24" minimum. The approach to the turning space shall be 48" wide minimum and the exit 42" wide minimum. The bed shall have an adjacent clear space of 30" minimum by 48" minimum, with the 48" long dimension parallel with length of the bed. Where audible emergency alarm systems are provided to serve the occupants of cells, the cell shall be equipped with an audible emergency alarm system. [EXCEPTION: Visible alarms shall not be required where inmates or detainees are not allowed independent means of egress.] Where a bench is provided, the bench shall have adjacent clear space minimum 30" by minimum 48" at the end of the bench, with the 48" dimension parallel to the short axis of the bench. The bench shall have the following dimensions: 20" minimum to 24" maximum deep by 42" minimum long bench, fixed either against a wall or with backrest along the longer dimension. The top of the bench seat shall be 17" minimum and 19" maximum from finish floor. The backrest shall be minimum 42" long, with extension from a point 2" maximum above seat surface to 18" minimum above seat surface, and maximum 2 1/2" behind the rear edge of the seat. all parts of the seat have structural strength to support 250 LBS vertical or horizontal stress applied to all points on seat, fastener, or mounting device. When installed in possible wet locations, the surface of the seat shall be slip resistant, and designed to not accumulate water. [EXCEPTION: Alterations to cells shall not be required to comply except to the extent determined by the U. S. Attorney General.] Although these requirements do not specify that cells be accessible as a consequence of an alteration, Title II of the ADA requires that each service, program, or activity conducted by a public entity, when viewed in its entirety, be readily accessible to and usable by individuals with disabilities. This requirement must be met unless doing so would fundamentally alter the nature of a service, program or activity or would result in undue financial and administrative burdens. Buildings, facilities, or portions thereof, in which people are detained for penal or correction purposes, or in which the liberty of the inmates is restricted for security reasons shall comply. Alterations to jails, prisons, and other detention and correctional facilities shall comply with the 2010 Standards, except that public entities shall provide compliant accessible mobility features for a minimum of 3%, but no fewer than one, of the total number of cells being altered until at least 3%, but no fewer than one, of the total number of cells in a facility shall provide compliant mobility features. Altered cells with mobility features shall be provided in each classification level. However, when alterations are made to specific cells, detention and correctional facility operators may satisfy their obligation to provide the required number of cells with mobility features by providing the required mobility features in substitute cells (cells other than those where alterations are originally planned), provided that each substitute cell— (i) is located within the same prison site; (ii) is integrated with other cells to the maximum extent feasible; (iii) Has, at a minimum, equal physical access as the altered cells to areas used by inmates or detainees for visitation, dining, recreation, educational programs, medical services, work programs, religious services, and participation in other programs that the facility offers to inmates or detainees; and, (iv) If it is technically infeasible to locate a substitute cell within the same prison site, a substitute cell must be provided at another prison site within the corrections system. [Advisory 807.2.4 Toilet and Bathing Facilities. In holding cells, housing cells, or rooms required to be accessible, these requirements do not require a separate toilet room.] Altered cells with mobility features shall be provided in each classification level. General holding cells and general housing cells shall be provided. [EXCEPTION: Alterations to cells shall not be required to comply except to the extent determined by the Attorney General.] Although these requirements do not specify that cells be accessible as a consequence of an alteration, Title II of the ADA requires that each service, program, or activity conducted by a public entity, when viewed in its entirety, be readily accessible to and usable by individuals with disabilities. This requirement must be met unless doing so would fundamentally alter the nature of a service, program, or activity or would result in undue financial and administrative burdens. Buildings, facilities, or portions thereof, in which people are detained for penal or correction purposes, or in which the liberty of the inmates is restricted for security reasons shall comply. Alterations to detention and correctional facilities shall comply with the 2010 Standards except that public entities shall provide</p> | 3 | \$ 13,550 |
| 201337 | Public Safety Building / INTERIOR | Interior Access Route | <p>The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Jail J118B</p> <p>Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 1 | \$ 293 |
| 201338 | Public Safety Building / INTERIOR | Common Areas | <p>The counter oriented for a forward approach does not have clear floor space for a forward approach with toe and knee clearance. Jail J118B</p> <p>Provide a clear floor space for a forward approach with toe and knee clearances at the 36" maximum high by 30" minimum long section of counter. Clear space shall be maximum 2.08% in all directions and a firm and stable surface.</p> | 2 | \$ 290 |
| 202900 | Public Safety Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. Jail Restroom/Shower J123</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 115 |
| 202901 | Public Safety Building / INTERIOR | Restroom | <p>The height of controls are not compliant. Jail Restroom/Shower J123</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 200 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202902 | Public Safety Building / INTERIOR | Restroom | <p>The entire restroom is not compliant due to limited room dimensions, non-compliant fixtures and layout.</p> <p>Jail Restroom/Shower J123</p> <p>Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters.</p> | 3 | \$ 12,000 |
| 201343 | Public Safety Building / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Jail Restroom/Shower J123</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 3 | \$ 7,181 |
| 201344 | Public Safety Building / INTERIOR | Restroom | <p>The height of controls throughout the common area are not compliant.</p> <p>Jail Restroom/Shower J123</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 200 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201228 | Public Safety Building / INTERIOR | Interior Access Route | The hardware at the accessible door is mounted below 34" or above 48". Jail/Booking Area J119 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 293 |
| 201195 | Public Safety Building / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Lobby Reception 105 Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 201196 | Public Safety Building / INTERIOR | Interior Access Route | The highest operable part of the accessible public telephone is not compliant. Lobby Reception 105 Lower so that the highest operable part of the telephone is within the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | \$ 400 |
| 201322 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Lounge 247 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 201323 | Public Safety Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Lounge 247 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 202828. The cost of this barrier removal is covered under ID 202828 and therefore, the cost of this ID is shown as \$0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 250 |
| 202828 | Public Safety Building / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Lounge 247 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 201323. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 201325 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Lower Level Police Vehicle Parking Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 1,456 |
| 201291 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Lunch Room 226 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 201292 | Public Safety Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Lunch Room 226 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 201293 | Public Safety Building / INTERIOR | Common Areas | The height of controls throughout the common area are not compliant. Lunch Room 226 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 125 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201247 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Lockers 160 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 500 |
| 201254 | Public Safety Building / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Men's Lockers 160 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | \$ 1,250 |
| 201248 | Public Safety Building / INTERIOR | Restroom | The locker area does not have a compliant bench. Men's Lockers 160 & Women's Lockers 163 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | \$ 1,200 |
| 201249 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Lockers 160 & Women's Lockers 163 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 201250 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Lockers 160 & Women's Lockers 163 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 201251 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Lockers 160 & Women's Lockers 163 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,420 |
| 201252 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Lockers 160 & Women's Lockers 163 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |

| PUBLIC SAFETY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201253 | Public Safety Building / INTERIOR | Restroom | <p>WASHINGTON: The roll-in shower stall is not compliant. Men's Lockers 160 & Women's Lockers 163 Provide a compliant roll-in shower. SHOWER SIZE AND SEAT: Standard roll-in-type shower compartments shall have a clear inside dimension of 60" minimum in width and 30" minimum in depth, measured at the center point of opposing sides. An entry 60" minimum in width shall be provided. Provide clearance of 60" minimum long adjacent to the 60" width of the open face of the shower compartment, and 30" minimum deep. [EXCEPTION: A lavatory shall be permitted at the end of the clearance opposite the seat.] A folding seat shall be provided on an end wall. [EXCEPTIONS: 1. A seat is not required to be installed in a shower for a single occupant accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located to permit the installation of a shower seat. 2. A fixed seat shall be permitted where the seat does not overlap the minimum clear inside dimension.] Alternate roll-in shower compartments shall have a clear inside dimension of 60" minimum in width, and 36" deep, measured at the center point of opposing sides. An entry 36" minimum in width shall be provided at one end of the 60" width of the compartment. A seat wall, 24" minimum and 36" maximum in length, shall be provided on the entry side of the compartment. A folding seat shall be provided on the seat wall opposite the back wall. [EXCEPTION: A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat.] SHOWER SEATS: The height of shower compartment seats shall be 17" minimum and 19" maximum above the bathroom floor, measured to the top of the seat. In transfer-type and alternate roll-in-type showers, the seat shall extend along the seat wall to a point within 3" of the compartment entry. In standard roll-in-type showers, the seat shall extend from the control wall to a point within 3" of the compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the control wall of a roll-in-type shower. The rear edge of an L shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] In standard roll-in type showers, a grab bar shall be provided on the back wall beginning at the edge of the seat. The grab bars shall not be provided above the seat. The back wall grab bar shall extend the length of the wall but shall not be required to exceed 48" length. Where a side wall is provided opposite the seat within 72" of the seat wall, a grab bar shall be provided on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall but shall not be required to exceed 30" length. In alternate roll-in type showers, grab bars shall be provided on the back wall and the end wall adjacent to the seat. Grab bars shall not be provided above the seat. For both standard and alternate roll-in showers, grab bars shall be 6" maximum from the adjacent wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor, measured to the top of the gripping surface. Grab bars with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with a noncircular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends of the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal grab bars may be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. CONTROLS: In standard roll-in showers, the controls and hand shower shall be located on the back wall above the grab bar, 48" maximum above the shower floor and 16" minimum and 27" maximum from the end wall behind the seat. In alternate roll-in showers, the controls and hand shower shall be located 38" minimum and 48" maximum above the shower floor. In alternate roll-in showers with</p> | 3 | \$ 9,500 |
| 201245 | Public Safety Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Lockers 160 & Women's Lockers 163 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | \$ 110 |
| 201246 | Public Safety Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. Men's Lockers 160 & Women's Lockers 163 Install at least on coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 230 |
| 202823 | Public Safety Building / INTERIOR | Restroom | <p>The height of controls are not compliant. Men's Lockers 160 & Women's Lockers 163 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 400 |
| 201208 | Public Safety Building / INTERIOR | Restroom | <p>The pull side of the accessible door does not have the required maneuvering clearances. Men's Restroom 120 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 3 | \$ 1,250 |

| PUBLIC SAFETY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201209 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom 120 & Women's Restroom 121 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 201210 | Public Safety Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom 120 & Women's Restroom 121 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 400 |
| 201211 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 120 & Women's Restroom 121 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |
| 201212 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom 120 & Women's Restroom 121 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 201213 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom 120 & Women's Restroom 121 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 230 |
| 201214 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Restroom 120 & Women's Restroom 121 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,420 |
| 201207 | Public Safety Building / INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's Restroom 120 & Women's Restroom 121 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | \$ 732 |
| 201224 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 141 & Women's Restroom 142 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 110 |

| PUBLIC SAFETY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201225 | Public Safety Building / INTERIOR | Restroom | The entire restroom is not compliant due to limited room dimensions. Men's Restroom 141 & Women's Restroom 142 Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters. | 3 | \$ 24,000 |
| 201226 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Men's Restroom 141 & Women's Restroom 142 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 202764. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 400 |
| 201227 | Public Safety Building / INTERIOR | Restroom | The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate Men's Restroom 141 & Women's Restroom 142 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 202764 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom 141 & Women's Restroom 142 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 201226. The cost of this barrier removal is covered under ID 201226 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ - |
| 202820 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |
| 202821 | Public Safety Building / INTERIOR | Restroom | The shelf is not located between 40" minimum and 48" maximum above finish floor. Men's Restroom 178, 179, 180, 182 Relocate a shelf to 40" minimum and 48" maximum above finish floor. | 3 | \$ 150 |

| PUBLIC SAFETY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202822 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 201236. The cost of this barrier removal is covered under ID 201236 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ - |
| 201230 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 178, 179, 180, 182 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 201231 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom 178, 179, 180, 182 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 201232 | Public Safety Building / INTERIOR | Restroom | The locker area does not have accessible lockers. Men's Restroom 178, 179, 180, 182 Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 1,320 |
| 201233 | Public Safety Building / INTERIOR | Restroom | The locker area does not have a compliant bench. Men's Restroom 178, 179, 180, 182 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | \$ 600 |
| 201234 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom 178, 179, 180, 182 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201235 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: Grab bars are not provided or are not compliant in the roll-in shower. Men's Restroom 178, 179, 180, 182 Install compliant grab bars in the roll-in shower. [EXCEPTIONS: 1. Grab bars shall not be required to be installed in a shower located in a bathing facility for a single occupant accessed only through a private office, and not for common use or public use provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars. 2. In residential dwelling units, grab bars shall not be required to be installed in showers located in bathing facilities provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars.] Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. A grab bar shall be provided on the back wall beginning at the edge of the seat. The back wall grab bar shall extend the length of the wall but is not required to exceed 48" in length. Where a side wall is provided opposite the seat within 72" of the seat wall, provide a grab bar on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall, but is not required to exceed 30" in length. Grab bars shall be installed 6" maximum from adjacent walls. Grab bars shall have a compliant cross section. Grab bars with circular cross sections shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with non-circular cross sections shall have a cross-section dimension of 2" maximum and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends shall be 1-1/2" minimum. The space between the grab bar and projecting objects above shall be 12" minimum. [EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure. | 3 | \$ 1,405 |
| 201236 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Men's Restroom 178, 179, 180, 182 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 202822. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 400 |
| 201237 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Men's Restroom 178, 179, 180, 182 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 313 |
| 201238 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Restroom 178, 179, 180, 182 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |
| 201239 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom 178, 179, 180, 182 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 293 |
| 201240 | Public Safety Building / INTERIOR | Restroom | The wheelchair stall door is not self closing. Men's Restroom 178, 179, 180, 182 Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | \$ 293 |
| 201241 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 500 |
| 201303 | Public Safety Building / INTERIOR | Restroom | The force required to open the interior, hinged, non-fire door is more than 5 pounds. Men's Restroom 259 & Women's Restroom 258 Adjust closer or replace with a closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. | 3 | \$ 732 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201295 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 259 & Women's Restroom 258 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 110 |
| 201296 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom 259 & Women's Restroom 258 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 201297 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom 259 & Women's Restroom 258 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 201298 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom 259 & Women's Restroom 258 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 230 |
| 201299 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 259 & Women's Restroom 258 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |
| 201300 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Restroom 259 & Women's Restroom 258 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,420 |
| 201277 | Public Safety Building / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Men's Restroom 288 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | \$ 1,250 |
| 201278 | Public Safety Building / INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's Restroom 288 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | \$ 366 |
| 201279 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom 288 & Women's Restroom 285 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201280 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom 288 & Women's Restroom 285 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 201281 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom 288 & Women's Restroom 285 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 230 |
| 201282 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 288 & Women's Restroom 285 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |
| 201283 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Restroom 288 & Women's Restroom 285 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,420 |
| 201276 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 288 & Women's Restroom 285 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 110 |
| 201335 | Public Safety Building / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. North Pedestrian Walkway Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | \$ 5,600 |
| 201204 | Public Safety Building / EXTERIOR | Interior Access Route | Clear floor space is not provided at the accessible public telephone Northwest Entrance Provide a clear floor space of at least 30" x 48" that allows either a forward or parallel approach. A compliant clear floor or ground space shall be provided. The clear floor or ground space shall not be obstructed by bases, enclosures, or seats. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 shall be permitted. The clear floor or ground space shall be 30" (760 mm) minimum by 48" (1220 mm) minimum. | 4 | \$ 237 |
| 201205 | Public Safety Building / EXTERIOR | Exterior Access Route | Clear space is not provided at the operable part. Northwest Entrance Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance. | 3 | \$ 237 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201336 | Public Safety Building / EXTERIOR | Exterior Access Route | An accessible passenger loading/unloading zone is not provided where a loading/unloading area is present. Northwest Entry Loading/Unloading Zone Provide an accessible passenger loading/unloading zone. Passenger loading zones shall provide at least one accessible passenger loading zone in every continuous 100 linear feet of loading zone space, or fraction thereof, except bus loading areas. At least one accessible passenger loading zone shall be provided at an accessible entrance to a licensed medical care or licensed long term care facility where the period of stay exceeds 24 hours. The vehicular pull-up space shall be 96 inches wide minimum and 20 feet long minimum. The loading/unloading zone should allow the access aisle to be at the same level as the loading/unloading area it serves. The access aisle should be marked and separate from the loading/unloading area it serves. The access aisle shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisles shall be marked so as to discourage parking in them. Vehicle pull-up spaces and access aisles serving them shall comply. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide vertical clearance of 114 inches minimum. | 1 | \$ 3,171 |
| 201321 | Public Safety Building / INTERIOR | Interior Access Route | The door has less than 32" clear width. Office 248 Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 1 | \$ 2,600 |
| 201171 | Public Safety Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |
| 201345 | Public Safety Building / INTERIOR | Employee Work Areas | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Police Lab Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 201346 | Public Safety Building / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Police Lab Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 1,000 |
| 201347 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Police Lab Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 201348 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Police Lab Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201349 | Public Safety Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Police Lab Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 200 |
| 201173 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp 1 (R1) Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 2,608 |
| 202751 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp 2 (R2) Provide compliant handrails on both sides of the ramp. This barrier must be removed in conjunction with barrier ID 201777 & 201178. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 4,564 |
| 201177 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the ramp are not compliant. Ramp 2 (R2) The ramp should be removed and replaced with a compliant ramp. This barrier must be removed in conjunction with barrier ID 201178 & 202751. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44". | 1 | \$ 8,606 |
| 201178 | Public Safety Building / EXTERIOR | Exterior Access Route | The ramp does not have a level landing at the top and/or bottom of each run. Ramp 2 (R2) The ramp should be removed and an accessible ramp should be installed that has level landings and landings at any change of direction. This barrier must be removed in conjunction with barrier ID 201177 & 202751. Ramps shall have compliant landings at the top and the bottom of each ramp run. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The landing clear width shall be at least as wide as the widest ramp run leading to the landing. The landing clear length shall be 60" long minimum. Ramps that change direction between runs at landings shall have a clear landing 60" minimum by 60" minimum. Where doorways are located adjacent to a ramp landing, maneuvering clearances required shall be permitted to overlap the required landing area. Ramp runs with a rise greater than 6" shall have compliant handrails. [EXCEPTION: Within employee work areas, handrails shall not be required where ramps that are part of common use circulation paths are designed to permit the installation of handrails.] Ramps not subject to the exceptions shall be designed to maintain a 36" minimum clear width when handrails are installed. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides complying. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum landing area.] Edge protection shall be provided, using one of two options. Either the floor or ground surface of the ramp run or landing shall extend 12" minimum beyond the inside face of a compliant handrail or a barrier shall prevent the passage of a 4" sphere from the ramp landing surface. Option 1: The floor or ground surface of the ramp run or landing shall extend 12" minimum beyond the inside face of a compliant handrail. Option 2: A curb or barrier shall be provided that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finish floor or ground surface. Landings subject to wet conditions shall be designed to prevent the accumulation of water. | 1 | \$ 3,490 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201308 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Restroom 253 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 201309 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Restroom 253 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 201310 | Public Safety Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Restroom 253 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 200 |
| 201311 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Restroom 253 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |
| 201312 | Public Safety Building / INTERIOR | Restroom | The height of the water closet is not 17" minimum to 19" maximum above finished floor. Restroom 253 Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".] | 3 | \$ 630 |
| 201313 | Public Safety Building / INTERIOR | Restroom | The centerline of the wheelchair accessible toilet is not 16" minimum to 18" maximum from the side wall. Restroom 253 Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches minimum and 18 inches maximum from the side wall or partition. | 3 | \$ 630 |
| 201314 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Restroom 253 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 313 |
| 201315 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Restroom 253 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201316 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Restroom 253 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |
| 201317 | Public Safety Building / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Restroom 253 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | \$ 150 |
| 201318 | Public Safety Building / INTERIOR | Restroom | The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate Restroom 253 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 293 |
| 201175 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Southwest Pedestrian Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 1,664 |
| 201221 | Public Safety Building / INTERIOR | Common Areas | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Staff Lounge 139A Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 201222 | Public Safety Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Staff Lounge 139A Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 201223 | Public Safety Building / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Staff Lounge 139A Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 150 |
| 201174 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 1 (ST1) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | \$ 281 |
| 201176 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 2 (ST2) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | \$ 633 |
| 201294 | Public Safety Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 250 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201288 | Public Safety Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Throughout Building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 375 |
| 201289 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Throughout Building Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 201290 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Throughout Building Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 201273 | Public Safety Building / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Throughout Building Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 2 | \$ 93,600 |
| 201219 | Public Safety Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Throughout Building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 1,000 |
| 201181 | Public Safety Building / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Throughout Building Procure a compliant and consistent signage package for replacement and installation throughout the building. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 7,500 |
| 201199 | Public Safety Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Training Room 116 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 1,500 |
| 201200 | Public Safety Building / INTERIOR | Interior Access Route | Handrails are not provided. Training Room 116 Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] | 1 | \$ 1,304 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201201 | Public Safety Building / INTERIOR | Interior Access Route | An accessible route does not connect the assembly area wheelchair spaces with performing areas. Training Room 116 Provide an accessible route between the wheelchair spaces in the assembly area and the performing area. Performing areas include stages, arena floors, dressing rooms, locker rooms, and other spaces used by performers. An accessible route is minimum 36" wide, maximum 1:20 (5%) running slope, and maximum 1:50 (2%) cross slope. A stairway is not acceptable as the only available path of travel along an accessible route. | 2 | \$ 1,614 |
| 201202 | Public Safety Building / INTERIOR | Interior Access Route | Handrails are not provided. Training Room 116 Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] | 1 | \$ 1,304 |
| 201203 | Public Safety Building / INTERIOR | Interior Access Route | Handrails are not compliant - the gripping surface is not within 1.25" 2" in diameter, or does not provide a non circular grip that has a perimeter dimension of 4"- 6.25" max Training Room 116 Modify handrails to have a gripping surface 1.25" 2" in diameter or a non circular grip that has a perimeter dimension of 4"- 6.25" max | 1 | \$ 7,700 |
| 201350 | Public Safety Building / INTERIOR | Interior Access Route | The ramp running slope exceeds 1:12 (8.33%). Training Room 116 Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.] | 1 | \$ 13,240 |
| 201351 | Public Safety Building / INTERIOR | Common Areas | Assembly areas do not provide wheelchair spaces. Training Room 116 Wheelchair spaces shall be provided. A single wheelchair space is minimum 36" wide. Where two wheelchair spaces adjoin, the wheelchair spaces shall be minimum 33" wide. When approached from the front or rear, wheelchair spaces shall be minimum 48" deep. Wheelchair spaces approached from the side shall be minimum 60" deep. One side of the wheelchair space shall connect to, but be separate from, an accessible route and shall not overlap the circulation path. In row seating, at least one companion seat shall be provided adjacent to each required wheelchair space. Number of Wheelchair Spaces in Assembly Areas Number of Seats- Minimum Number of Required Wheelchair Spaces: 4 to 25 requires 1; 26 to 50 requires 2; 51 to 150 requires 4; 151 to 300 requires 5; 301 to 500 requires 6; 501 to 5000 requires 6, plus 1 for each 150, or fraction thereof, between 501 through 5000; 5001 and over requires 36, plus 1 for each 200, or fraction thereof, over 5000. Wheelchair spaces shall provide compliant lines of sight. In providing lines of sight, wheelchair spaces shall be dispersed. Wheelchair spaces shall provide spectators with choices of seating locations and viewing angles that are substantially equivalent to, or better than, the choices of seating locations and viewing angles available to all other spectators. When the number of wheelchair spaces required has been met, further dispersion shall not be required. Wheelchair spaces shall be dispersed horizontally. [EXCEPTIONS: 1. Horizontal dispersion shall not be required in assembly areas with 300 or fewer seats if the companion seats required and wheelchair spaces are located within the 2nd or 3rd quartile of the total row length. Intermediate aisles shall be included in determining the total row length. If the row length in the 2nd and 3rd quartile of a row is insufficient to accommodate the required number of companion seats and wheelchair spaces, the additional companion seats and wheelchair spaces shall be permitted to be located in the 1st and 4th quartile of the row. 2. In row seating, two wheelchair spaces shall be permitted to be located side-by-side.] Wheelchair spaces shall be dispersed vertically at varying distances from the screen, performance area, or playing field. In addition, wheelchair spaces shall be located in each balcony or mezzanine that is located on an accessible route. [EXCEPTIONS: 1. Vertical dispersion shall not be required in assembly areas with 300 or fewer seats if the wheelchair spaces provide viewing angles that are equivalent to, or better than, the average viewing angle provided in the facility.] | 2 | \$ 944 |
| 201352 | Public Safety Building / INTERIOR | Common Areas | The assistive listening device is not compliant or is not provided. Training Room 116 Provide 3 assistive listening devices per the table at the bottom. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. Receivers required for use with an assistive listening system shall include a 1/8" standard mono jack. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neck loops. Neck loops and headsets that can be worn as neck loops are compatible with hearing aids. Receivers that are not compatible include earbuds, which may require removal of hearing aids, earphones, and headsets that must be worn over the ear, which can create disruptive interference in the transmission and can be uncomfortable for people wearing hearing aids. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech. For 50 or less seating capacity, provide a minimum of 2 receivers, both of which shall be hearing-aid compatible. For 51 to 200 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum two receivers which shall be hearing-aid compatible. For 201 to 500 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 501 to 1000 seating capacity, provide a minimum of 20 receivers, plus 1 per 33 seats over 500 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 1001 to 2000 seating capacity, provide a minimum of 35 receivers, plus 1 per 50 seats over 1000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 2001 and over seating capacity, provide a minimum of 55 receivers, plus 1 per 100 seats over 2000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. | 2 | \$ 3,750 |
| 201353 | Public Safety Building / INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Training Room 116 Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | \$ 450 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201197 | Public Safety Building / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Training Room Lobby 118 Install accessible drinking fountain(s) with a 30" wide clear floor space. No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | \$ 5,439 |
| 201182 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Unisex Restroom 111 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 201183 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Unisex Restroom 111 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 201184 | Public Safety Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Unisex Restroom 111 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 200 |
| 201185 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Unisex Restroom 111 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |
| 201186 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Unisex Restroom 111 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 201187 | Public Safety Building / INTERIOR | Restroom | The shelf is not located between 40" minimum and 48" maximum above finish floor. Unisex Restroom 111 Relocate a shelf to 40" minimum and 48" maximum above finish floor. | 3 | \$ 180 |
| 201188 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Unisex Restroom 111 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 313 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201189 | Public Safety Building / INTERIOR | Restroom | The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unisex Restroom 111 Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |
| 201190 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom 111 Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 201191 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Unisex Restroom 111 Install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |
| 201192 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom 111 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 201229 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Vestibule 189 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 201217 | Public Safety Building / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Waiting 129 Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 201307 | Public Safety Building / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Waiting Room 230 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 201255 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Women's Lockers 163 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 313 |
| 201256 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Lockers 163 Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 201215 | Public Safety Building / INTERIOR | Restroom | The force required to open the interior, hinged, non-fire door is more than 5 pounds. Women's Restroom 121 Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. | 3 | \$ 366 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201216 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 121 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 201257 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom 167, 168, 169, 171, 172, 173 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 201258 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom 167, 168, 169, 171, 172, 173 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 201259 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 202826. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 600 |
| 201260 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 201261 | Public Safety Building / INTERIOR | Restroom | The wheelchair stall door is not self closing. Women's Restroom 167, 168, 169, 171, 172, 173 Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | \$ 293 |
| 201262 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 293 |
| 201263 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom 167, 168, 169, 171, 172, 173 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 201264 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Women's Restroom 167, 168, 169, 171, 172, 173 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 313 |

| PUBLIC SAFETY BUILDING | | | | | |
|------------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201265 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |
| 201266 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom 167, 168, 169, 171, 172, 173 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 201267 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 500 |
| 201269 | Public Safety Building / INTERIOR | Restroom | The locker area does not have a compliant bench. Women's Restroom 167, 168, 169, 171, 172, 173 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | \$ 600 |
| 202826 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 201259. The cost of this barrier removal is covered under ID 201259 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ - |
| 201301 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 258 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 201302 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Women's Restroom 258 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 500 |
| 201284 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 285 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 201285 | Public Safety Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Women's Restroom 285 Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |

| PUBLIC SAFETY BUILDING | | | | | |
|-----------------------------|-----------------------------------|----------|--|----------|-------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201286 | Public Safety Building / INTERIOR | Restroom | The wheelchair stall door is not self closing. Women's Restroom 285 Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | \$ 293 |
| 201193 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Work Room 107 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | \$ 720 |
| 201194 | Public Safety Building / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Work Room 107 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| TOTAL ESTIMATED COST | | | | | \$ 342,721 |

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 203311 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Administration Offices Relocate objects or install cane detectors. This barrier must be removed in conjunction with ID 203732. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 1,456 |
| 203732 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Administration Offices Remove and lower to a compliant reach range. This barrier must be removed in conjunction with ID 203311. The cost for this barrier removal is covered by ID 203311, therefore the cost is shown as \$0. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ - |
| 203232 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The existing signage is not mounted at the latch side of the door or at a compliant height. Administration Offices, Class 116, Conference Rooms 124, 202, 203, 204 Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 440 |
| 203224 | Redmond Community Center @ Marymoor Village / EXTERIOR | Exterior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Ballot Drop Box Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 200 |
| 203240 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Class 116 Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 200 |
| 203236 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Class 116, Conference Rooms 117, 124, 202, 203, 204 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 5,000 |
| 203238 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Class 116, Conference Rooms 124, 202, 203, 204 Relocate dispensers. This barrier must be removed in conjunction with ID 203239. The cost for this barrier removal is covered by ID 203239 and 203728. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 1,200 |
| 203239 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The push side of the accessible door does not have the required maneuvering clearances. Class 116, Conference Rooms 202, 203, 204 Redesign to provide the required maneuvering clearance on the push side the door. This barrier must be removed in conjunction with ID 203238. The cost for this barrier removal is covered by ID 203238, therefore the cost is shown as \$0. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ - |

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 203237 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Class 116, Kitchen and Storage, Conference Rooms 124, 202, 203, 204 Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48' minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60' maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 550 |
| 203234 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Class 116, Kitchen, Conference Rooms 124, 202, 203, 204 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | \$ 3,294 |
| 203271 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Classroom 206 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 203235 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Conference Room 117 Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 150 |
| 203728 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Conference Room 124 Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with ID 203238. The cost for this barrier removal is covered by ID 203238, therefore the cost is shown as \$0. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ - |
| 203281 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | The clear floor space at the refrigerator/freezer is not positioned for a parallel approach to the space dedicated for the refrigerator/freezer with the centerline of the clear floor or ground space offset 24" maximum from the centerline of the dedicated space. Employee Break Room Relocate the obstructions so that the clear floor space at the refrigerator/freezer is positioned for a parallel approach to the space dedicated for the refrigerator/freezer with the centerline of the clear floor or ground space offset 24" maximum from the centerline of the dedicated space. Floor or ground surfaces of a clear floor or ground space shall comply: Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Clear Floor spaces for appliances shall be permitted to overlap. | 5 | \$ 701 |
| 203282 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Employee Break Room Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 1,351 |

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 203283 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Employee Break Room Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | \$ 720 |
| 203284 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Employee Break Room Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant. | 5 | \$ 65 |
| 203285 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Employee Break Room and Fitness Center Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 400 |
| 203310 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Entrance E-1 Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 300 |
| 203293 | Redmond Community Center @ Marymoor Village / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Entrance E-2 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 237 |
| 203313 | Redmond Community Center @ Marymoor Village / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is X" minimum. The required side clearance is Y" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 203267 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Means of egress signage does not have tactile lettering. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18' minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 220 |
| 203309 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Fitness Center Relocate dispensers or provide cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 1,456 |

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 203305 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Fitness Center Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 2 | \$ 400 |
| 203307 | Redmond Community Center @ Marymoor Village / INTERIOR | Common Areas | The dining table does not have compliant knee and toe clearance. Fitness Center - Employee Offices Provide dining tables with knee and toe clearance. Dining tables shall be minimum 28" and maximum 34" high. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 5 | \$ 1,000 |
| 203308 | Redmond Community Center @ Marymoor Village / INTERIOR | Employee Work Areas | The work surface is not compliant. Fitness Center - Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 5 | \$ 1,030 |
| 203258 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203259. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 200 |
| 203259 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route. Kitchen Relocate or install cane detectors. This barrier must be removed in conjunction with ID 203258. The cost for this barrier removal is covered by ID 203258, therefore the cost is shown as \$0. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ - |
| 203260 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34' maximum above finished floor. Kitchen Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34' maximum above finished floor. | 2 | \$ 720 |
| 203261 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant. | 2 | \$ 65 |
| 203262 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 400 |
| 203263 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | A minimum 30" wide section of the counter is not a minimum height of 28" and maximum height of 34" with knee and toe clearance. Kitchen Remove and install a kitchen counter that has a minimum 30" wide section of the work surface at minimum 28" height and maximum 34" height, and provides knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 4 | \$ 2,382 |

| REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE | | | | | |
|--|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203264 | Redmond Community Center @ Marymoor Village / INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | \$ 1,688 |
| 203265 | Redmond Community Center @ Marymoor Village / INTERIOR | Concession Stand | The service counter does not have 36' wide section that is 36' maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Kitchen Service Counter Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36' minimum wide and 36' maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface. | 2 | \$ 1,804 |
| 203266 | Redmond Community Center @ Marymoor Village / INTERIOR | Concession Stand | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Service Counter Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 200 |
| 203299 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Lecture Hall 133 Relocate the dispenser. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 200 |
| 203300 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The ramp running slope exceeds 1:12 (8.33%). Lecture Hall 133 Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). This barrier must be removed in conjunction with ID 203301. The cost for this barrier removal is covered by ID 203301, therefore the cost is shown as \$0. The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.] | 1 | \$ - |
| 203301 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | The clear width of the ramp is less than 36". Lecture Hall 133 Remove and replace with a ramp that is at least 36" in width. This barrier must be removed in conjunction with ID 203300. The minimum clear width of a ramp shall be 36". The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" (915 mm) minimum. EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed. | 1 | \$ 18,536 |
| 203303 | Redmond Community Center @ Marymoor Village / INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Lecture Hall 133 Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | \$ 1,000 |
| 203295 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The rear grab bar in the wheelchair stall is not compliant. Men's and Women's Restrooms - Downstairs Remove and install a compliant rear grab bar in the wheelchair stall. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |

| REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE | | | | | |
|--|--|--------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203272 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The provided signage is not mounted at the latch side of the door or at a compliant height. Men's and Women's Restrooms - Upstairs and Downstairs Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 3 | \$ 220 |
| 203273 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The lavatory is mounted higher than 34" to the higher of the rim or counter. Men's and Women's Restrooms - Upstairs and Downstairs Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". | 3 | \$ 2,880 |
| 203276 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's and Women's Restrooms - Upstairs and Downstairs Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 1,172 |
| 203277 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The wheelchair stall door is not compliant. Men's and Women's Restrooms - Upstairs and Downstairs Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. | 3 | \$ 2,000 |
| 203274 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The urinal dimensions are not compliant. Men's Restrooms - Upstairs and Downstairs Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges. | 3 | \$ 1,870 |
| 203275 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The flush control is located on the closed side and is more than 48" high, for an obstructed forward reach range of maximum 20" horizontally. Men's Restrooms - Upstairs and Downstairs Remove and install a compliant flush control. Operable parts shall be placed within one or more of the allowable reach ranges | 3 | \$ 626 |
| 203226 | Redmond Community Center @ Marymoor Village / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Stall P-1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 280 |
| 203227 | Redmond Community Center @ Marymoor Village / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 203228 | Redmond Community Center @ Marymoor Village / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|-----------------------|--|----------|---------------|
| 203287 | Redmond Community Center @ Marymoor Village / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Stall P-1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 203288 | Redmond Community Center @ Marymoor Village / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Stalls P-2, P-3, P-4, P-5 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 560 |
| 203290 | Redmond Community Center @ Marymoor Village / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Stalls P-2, P-3, P-4, P-5 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 10,000 |
| 203229 | Redmond Community Center @ Marymoor Village / EXTERIOR | Accessible Parking | The slope of the parking space is greater than 1:50 (2%). Parking Stalls P-2, P-3, P-4, P-5 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 25,200 |
| 203225 | Redmond Community Center @ Marymoor Village / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking Stalls P-2, P-3, P-4, P-5 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,120 |
| 203291 | Redmond Community Center @ Marymoor Village / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Parking Stalls P-3 and P-5 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 991 |
| 203314 | Redmond Community Center @ Marymoor Village / EXTERIOR | Exterior Access Route | The accessible route has cross slopes greater than 1:50 (2%). Patio The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 3,964 |
| 203315 | Redmond Community Center @ Marymoor Village / EXTERIOR | Common Areas | The dining table does not have 30" x 48" clear floor space positioned for a forward approach. Patio Provide clear floor space minimum 30" wide by minimum 48" deep, positioned for a forward approach to the dining tables, with the 30" dimension parallel with the edge of the table. Clear ground surface shall not exceed 2.08% slope in all directions. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Dining tables shall be minimum 28" and maximum 34" high. | 2 | \$ 237 |

| REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE | | | | | |
|--|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203316 | Redmond Community Center @ Marymoor Village / EXTERIOR | Site Furnishings | Clear ground space is not provided at the trash receptacle with lid requiring operation. Patio Relocate the trash receptacle or provide a clear ground space at the trash receptacle with closed lid. A compliant clear floor or ground space shall be provided. Floor or ground surfaces of a clear floor or ground space shall be stable, firm and slip resistant. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. | 2 | \$ 237 |
| 203312 | Redmond Community Center @ Marymoor Village / EXTERIOR | Common Areas | A minimum of 5% ADA compliant dining seating and standing spaces are not provided. Patio Provide a minimum of 5% ADA compliant seating and standing spaces. At least one dining table must be compliant. The height of a dining table shall be minimum 28" and maximum 34". Provide a wheelchair space at the table with knee and toe clearance. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 1,000 |
| 203294 | Redmond Community Center @ Marymoor Village / EXTERIOR | Exterior Access Route | The accessible route has cross slopes greater than 1:50 (2%). Route from Public Sidewalk to Entrance E-1 The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 1,982 |
| 203268 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairwells Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 2 | \$ 2,534 |
| 203269 | Redmond Community Center @ Marymoor Village / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Stairwells Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 489 |
| 203242 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Unisex Restroom 118 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | \$ 366 |
| 203256 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Unisex Restroom 118, Men's and Women's Restrooms - Upstairs and Downstairs Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 2,520 |

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|----------|--|----------|---------------|
| 203247 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Unisex Restroom 118, Upstairs Restrooms - Men's and Women's Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 600 |
| 203297 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The space between the grab bar and projecting objects above the grab bar is less than 12" minimum. Unisex Restroom 119 Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.] | 3 | \$ 200 |
| 203253 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restrooms 118 and 119 Install compliant shower spray unit and controls in the roll-in shower. This barrier must be removed in conjunction with barrier ID 203252. The cost of this barrier removal is covered under 203252. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate. | 3 | \$ - |
| 203251 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restrooms 118 and 119, Upstairs Restrooms - Men's and Women's Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 1,172 |
| 203252 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Unisex Restrooms 118, 119 Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and project-ing objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fit-tings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and verti-cal grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or hori-zontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or sup-ported structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 3 | \$ 14,362 |

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|--|--------------|---|----------|---------------|
| 203254 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The height of controls are not compliant. Unisex Restrooms 118, 119 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 400 |
| 203257 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | A transfer seat is provided but is not compliant. Unisex Restrooms 118, 119 Provide a compliant folding or non-folding seat. This barrier must be removed in conjunction with barrier ID 203252. The cost of this barrier removal is covered under 203252. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2' maximum from the seat wall. The side edge of all seats shall be 1-1/2' from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15' minimum to 16' maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor. | 3 | \$ - |
| 203248 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restrooms 118, 119 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203249. The cost for this barrier removal is covered by ID 203249, therefore the cost is shown as \$0. | 2 | \$ - |
| 203249 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Unisex Restrooms 118, 119 Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203249. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 600 |
| 203250 | Redmond Community Center @ Marymoor Village / INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Unisex Restrooms 118, 119 Provide work surface at a compliant height. This barrier must be removed in conjunction with ID 203249. The cost for this barrier removal is covered by ID 203249, therefore the cost is shown as \$0. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | \$ - |
| 203244 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | Alcoves are not 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15" Unisex Restrooms 118, 119 Ensure alcoves 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15"? | 2 | \$ 2,400 |
| 203245 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | WASHINGTON: The paper towel dispenser or dryer location is not compliant. Unisex Restrooms 118, 119 Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed]. | 3 | \$ 400 |
| 203246 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restrooms 118, 119 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203245. | 2 | \$ - |
| 203241 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The provided signage is not mounted at the latch side of the door or at a compliant height. Unisex Restrooms 118, 119 Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 3 | \$ 110 |

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|---|--|-------------|--|-----------------|----------------------|
| 203278 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restrooms - Upstairs and Downstairs Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 450 |
| 203279 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Women's Restrooms - Upstairs and Downstairs Relocate the dispenser. Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | \$ 400 |
| 203280 | Redmond Community Center @ Marymoor Village / INTERIOR | Restroom | The wheelchair stall door is not self closing. Women's Restrooms - Upstairs and Downstairs Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | \$ 586 |
| TOTAL REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE | | | | | \$ 144,283 |

| TRINITY BUILDING | | | | | |
|------------------|-----------------------------|--------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| | | | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. 1st Floor Corridor Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | \$ 5,439 |
| 202525 | Trinity Building / INTERIOR | Common Areas | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 1st Floor Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 202506 | Trinity Building / INTERIOR | Restroom | The wheelchair stall with a floor mounted water closet, in a multi-stall restroom, is less than 60" wide and 59" deep. 1st Floor Men's Restroom Redesign to provide compliant wheelchair stall with a floor mounted water closet. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,368 |
| 202507 | Trinity Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 202508 | Trinity Building / INTERIOR | Restroom | The rear grab bar at the water closet is not compliant. 1st Floor Men's Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 355 |
| 202509 | Trinity Building / INTERIOR | Restroom | The height of controls are not compliant. 1st Floor Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |
| 202510 | Trinity Building / INTERIOR | Restroom | | 3 | \$ 200 |

| TRINITY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202511 | Trinity Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>1st Floor Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> <p>The wheelchair stall door is not self closing.</p> | 3 | \$ 115 |
| 202512 | Trinity Building / INTERIOR | Restroom | <p>1st Floor Men's Restroom</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p> <p>The coat hook is not within an allowable reach range.</p> <p>1st Floor Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 293 |
| 202513 | Trinity Building / INTERIOR | Restroom | <p>The height of controls are not compliant.</p> <p>1st Floor Men's Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 115 |
| 202514 | Trinity Building / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>1st Floor Unisex Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 3 | \$ 200 |
| 202521 | Trinity Building / INTERIOR | Restroom | <p>The height of controls are not compliant.</p> <p>1st Floor Unisex Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 293 |
| 202522 | Trinity Building / INTERIOR | Restroom | <p>The height of controls are not compliant.</p> <p>1st Floor Unisex Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 200 |

| TRINITY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202523 | Trinity Building / INTERIOR | Restroom | <p>The lavatory is mounted higher than 34" to the higher of the rim or counter.</p> <p>1st Floor Unisex Restroom</p> <p>Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".</p> | 3 | \$ 720 |
| 202524 | Trinity Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>1st Floor Unisex Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 115 |
| 206022 | Trinity Building / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>1st Floor Women's Restroom</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 3 | \$ 355 |
| 202515 | Trinity Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>1st Floor Women's Restroom</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | \$ 55 |
| 202516 | Trinity Building / INTERIOR | Restroom | <p>The grab bars at the water closet are not provided.</p> <p>1st Floor Women's Restroom</p> <p>Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 710 |

| TRINITY BUILDING | | | | | |
|------------------|-----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202517 | Trinity Building / INTERIOR | Restroom | <p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.</p> <p>1st Floor Women's Restroom</p> <p>Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 630 |
| 202518 | Trinity Building / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>1st Floor Women's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 3 | \$ 293 |
| 202519 | Trinity Building / INTERIOR | Restroom | <p>The lavatory does not have the required clear floor space of minimum 30" by minimum 48".</p> <p>1st Floor Women's Restroom</p> <p>Relocate the lockers to provide minimum 30" by minimum 48" clear floor space positioned for a forward approach to the lavatory. Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".</p> | 3 | \$ 25 |
| 202520 | Trinity Building / INTERIOR | Restroom | <p>Pipes are not insulated.</p> <p>1st Floor Women's Restroom</p> <p>Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.</p> <p>The amenity cannot be accessed and, therefore, cannot be evaluated.</p> | 3 | \$ 65 |
| 206039 | Trinity Building / INTERIOR | Amenity not evaluated | <p>1st Floor Women's Restroom Lockers</p> <p>The amenity could not be accessed, and therefore the amenity was not evaluated for compliance with accessibility codes and regulations.</p> | 0 | \$ - |
| 202545 | Trinity Building / INTERIOR | Employee Work Areas | <p>The work surface is not compliant.</p> <p>2nd Floor Copier Room</p> <p>Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.</p> | 2 | \$ 1,030 |
| 202544 | Trinity Building / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>2nd Floor Corridor</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 1,000 |
| 202547 | Trinity Building / INTERIOR | Employee Work Areas | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>2nd Floor Corridor</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 728 |

| TRINITY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 206032 | Trinity Building / INTERIOR | Kitchen | <p>The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space.</p> <p>2nd Floor Kitchenette</p> <p>Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 4 | \$ 844 |
| 202526 | Trinity Building / INTERIOR | Interior Access Route | <p>The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).</p> <p>2nd Floor Kitchenette/Breakroom</p> <p>Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.</p> | 2 | \$ 720 |
| 202527 | Trinity Building / INTERIOR | Interior Access Route | <p>Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor.</p> <p>2nd Floor Kitchenette/Breakroom</p> <p>Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 186 |
| 202528 | Trinity Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>2nd Floor Men's Restroom</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | \$ 55 |
| 202529 | Trinity Building / INTERIOR | Restroom | <p>The door has less than 32" clear width.</p> <p>2nd Floor Men's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 3 | \$ 1,124 |
| 202532 | Trinity Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>2nd Floor Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 115 |

| TRINITY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| | | | A wheelchair stall is not provided in a multi-user restroom. 2nd Floor Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. | 3 | \$ 3,105 |
| 202533 | Trinity Building / INTERIOR | Restroom | Pipes are not insulated. 2nd Floor Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 202534 | Trinity Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 2nd Floor Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 202536 | Trinity Building / INTERIOR | Restroom | The door has less than 32" clear width. 2nd Floor Women's Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 3 | \$ 1,124 |
| 202537 | Trinity Building / INTERIOR | Restroom | Pipes are not insulated. 2nd Floor Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 202538 | Trinity Building / INTERIOR | Restroom | | | |

| TRINITY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202539 | Trinity Building / INTERIOR | Restroom | <p>A wheelchair stall is not provided in a multi-user restroom. 2nd Floor Women's Restroom</p> <p>Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.</p> <p>Controls on dispensers are not compliant.</p> | 3 | \$ 3,105 |
| 202543 | Trinity Building / INTERIOR | Restroom | <p>2nd Floor Women's Restroom</p> <p>Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 3 | \$ 400 |
| 202546 | Trinity Building / INTERIOR | Employee Work Areas | <p>The height of controls throughout the common area are not compliant. 2nd Floor-Main office space</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |
| 202552 | Trinity Building / EXTERIOR | Exterior Access Route | <p>WASHINGTON: An exterior accessible route is not provided. Building exterior</p> <p>Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 358 |
| 202491 | Trinity Building / INTERIOR | Interior Access Route | <p>The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Corridor Door Near Door D-1</p> <p>Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]</p> | 2 | \$ 200 |
| 202490 | Trinity Building / EXTERIOR | Entrance to Building | <p>The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Door D-1</p> <p>Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.</p> | 1 | \$ 366 |

| TRINITY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202489 | Trinity Building / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Dor D-1 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 202548 | Trinity Building / INTERIOR | Employee Work Areas | The building does not have elevator access between stories. Elevator Provide an elevator for access to upper floors in multiple-storied buildings. Due to the length of the requirements for an elevator in the 2010 ADA Standards for Accessible Design, please refer to the separate elevator appendix of the report, which details Section 407 of the 2010 Standards for Accessible Design. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removing and repairing the barrier are not included. | 1 | \$ 80,000 |
| 202549 | Trinity Building / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Locker Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 500 |
| 206031 | Trinity Building / INTERIOR | Interior Access Route | The interior accessible route has less than 36" clear width. Locker Room Relocate the bench to ensure that a minimum width of 36" is provided for an accessible route. The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the turn is 60" minimum compliance shall not be required. An accessible route with a clear width less than 60" shall provide passing spaces at intervals of 200' maximum. Passing spaces shall be either: a space 60" minimum by 60" minimum; or, an intersection of two walking surfaces providing a T-shaped space where the base and arms of the T-shaped space extend 48" minimum beyond the intersection. | 1 | \$ 500 |
| 202500 | Trinity Building / INTERIOR | Employee Work Areas | The locker room does not have a compliant bench. Locker Room Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | \$ 1,578 |
| 202501 | Trinity Building / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Locker Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 500 |
| 202502 | Trinity Building / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Locker Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 202499 | Trinity Building / INTERIOR | Employee Work Areas | The locker room does not have at least one of the coat hooks within reach range. Locker Room Unisex Changing Rooms Provide at least one of the coat hooks within reach range. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply. Where coat hooks or shelves are provided in individual compartments, at least one of each type shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 200 |
| 206030 | Trinity Building / INTERIOR | Interior Access Route | The provided signage does not have the International Symbol of Accessibility, where not all elements of the same type are accessible. Locker Room Unisex Changing Rooms Remove and replace signage with compliant signage. The International Symbol of Accessibility shall be compliant. The International Symbol of Accessibility must be used to identify accessible elements, where not all elements of the same type are accessible. | 2 | \$ 55 |
| 206021 | Trinity Building / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Locker Room Walk-in Closet Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 200 |

| TRINITY BUILDING | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202495 | Trinity Building / INTERIOR | Employee Work Areas | <p>The locker room does not have at least one of the coat hooks within reach range.</p> <p>Locker Room Walk-in Closet</p> <p>Provide at least one of the coat hooks within reach range. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply. Where coat hooks or shelves are provided in individual compartments, at least one of each type shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 4 | \$ 200 |
| 202496 | Trinity Building / INTERIOR | Interior Access Route | <p>Clear widths are less than 36" minimum, including protruding objects.</p> <p>Locker Room Walk-in Closet</p> <p>Relocate the shelf, bench and/or clothes rack to ensure clear widths of 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to be 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.]</p> | 1 | \$ 500 |
| 202498 | Trinity Building / INTERIOR | Interior Access Route | <p>The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth.</p> <p>Locker Room Walk-in Closet Door</p> <p>Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]</p> | 2 | \$ 200 |
| 202503 | Trinity Building / INTERIOR | Employee Work Areas | <p>The height of controls throughout the common area are not compliant.</p> <p>Meeting Room</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 500 |
| 202504 | Trinity Building / INTERIOR | Interior Access Route | <p>The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).</p> <p>Meeting Room</p> <p>Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.</p> | 2 | \$ 720 |
| 202505 | Trinity Building / INTERIOR | Interior Access Route | <p>Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor.</p> <p>Meeting Room</p> <p>Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 250 |
| 202488 | Trinity Building / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking Lot 1</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 1,400 |
| 202551 | Trinity Building / EXTERIOR | Site Furnishings | <p>The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance.</p> <p>Picnic Table near Door D-2</p> <p>Provide a compliant picnic table that allows a clear space of 30" x 48" positioned for forward approach. Provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Clear space shall be maximum 2.08% in all directions and a firm and stable surface.</p> | 2 | \$ 1,300 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202493 | Trinity Building / INTERIOR | Interior Access Route | <p>Handrails are not compliant. Stairs by Door D-1 Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.</p> | 1 | \$ 3,260 |
| 202494 | Trinity Building / INTERIOR | Interior Access Route | <p>Handrails are not compliant. Stairs Near Door D-2 Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.</p> | 1 | \$ 6,520 |
| 206033 | Trinity Building / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Storage /Shop Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 800 |
| 202553 | Trinity Building / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant. Storage /Shop Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | \$ 2,000 |
| 202550 | Trinity Building / EXTERIOR | Exterior Access Route | <p>The accessible route has gaps in the surface greater than 1/2" wide. To Door D-2 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.</p> | 1 | \$ 99 |
| TOTAL ESTIMATED COST | | | | | \$ 129,858 |

APPENDIX B

BARRIERS BY TRANSITION PLAN PHASE

| Phases | Estimated Cost | Barriers |
|-------------------------|-----------------------|-----------------|
| Phase One | \$406,026 | 244 |
| Phase Two | \$548,530 | 281 |
| Phase Three | \$415,829 | 251 |
| Phase Four | \$399,482 | 205 |
| Phase Five | \$372,597 | 269 |
| Total Phases 1-5 | \$2,142,464 | 1250 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203448 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Adjacent to Parking Stall P2-1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 250 |
| 203440 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The curb ramp does not meet the slope requirements. Curb Ramp CR-1 The curb ramp should be removed and replaced with a compliant ramp with no greater than the maximum allowable slopes of a ramp. This barrier must be removed in conjunction with barrier ID 203442. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 (8.33%) maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. In facilities built before 1/26/92, the running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where flares are provided, flare slopes shall not be greater than 1:10 (10%). [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] | 1 | 1750 |
| 203442 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The adjacent surfaces at transitions to adjoining walks, gutters and streets at the curb ramp are not at the same level. Curb Ramp CR-1 Replace the curb ramp to ensure that the transitions to adjacent walks, gutters and streets are at the same level. This barrier must be removed in conjunction with barrier ID 203440. The cost of this barrier removal is covered under barrier ID 203440 and therefore, the cost is shown as \$0. Provide compliant vertical level change at the intersection of the concrete curb ramp and the adjacent pavement. Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. [Advisory 303.3 Beveled. A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with requirements for curb ramp slopes.] Changes in level greater than 1/2" high shall be ramped, and shall comply with curb ramp running slope requirements. | 1 | 0 |
| 203443 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Parking Lot 1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 250 |
| 203444 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The accessible route has areas of vertical level changes in excess of 1/4" that are not beveled or ramped. Parking Lot 1 The accessible route should be repaired to eliminate vertical level changes greater than 1/4". Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Changes in level greater than 1/2" shall be ramped. | 1 | 40 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203445 | Hartman Park - Redmond Pool / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant.</p> <p>Parking Lots 1 and 2</p> <p>Stripe with a compliant accessible van stall and access aisle. This barrier must be removed in conjunction with ID 203441. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | 22600 |
| 203441 | Hartman Park - Redmond Pool / EXTERIOR | Accessible Parking | <p>The minimum number of accessible parking spaces is not provided.</p> <p>Parking Lots 1 and 2</p> <p>Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with ID 203445. The cost for this barrier removal is covered by ID 203445, therefore the cost is shown as \$0. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility.</p> <p>Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2 % of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars)</p> | 1 | 0 |
| 203446 | Hartman Park - Redmond Pool / EXTERIOR | Accessible Parking | <p>An access aisle is not provided.</p> <p>Parking Stall P2-1</p> <p>Re-stripe and add an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:48 (2.08%) in all directions. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle. Accessible routes must connect parking spaces to accessible entrances. In parking facilities where the accessible route must cross vehicular traffic lanes, marked crossings enhance pedestrian safety, particularly for people using wheelchairs and other mobility aids. Where possible, it is preferable that the accessible route not pass behind parked vehicles. Access aisles serving car and van parking spaces shall be 60" wide minimum. Access aisles shall extend the full length of the parking spaces they serve. Access aisles shall be marked so as to discourage parking in them. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Access aisles are required to be nearly level in all directions to provide a surface for wheelchair transfer to and from vehicles. The exception allows sufficient slope for drainage. Built-up curb ramps are not permitted to project into access aisles and parking spaces because they would create slopes greater than 1:48. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98" minimum. Width measurements of parking spaces and access aisles shall be made from the centerline of the markings. Where accessible stalls and aisles are not adjacent to accessible stalls and aisles, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle.</p> | 1 | 420 |
| 203447 | Hartman Park - Redmond Pool / EXTERIOR | Accessible Parking | <p>The slope of the parking space is greater than 1:50 (2%).</p> <p>Parking Stall P2-1</p> <p>Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | 6300 |
| 203449 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | <p>The ramp has a running slope in excess of 1:12 (8.33%) and/or cross slope in excess of 1:48 (2.08%).</p> <p>Ramp R-1</p> <p>Remove the existing ramp and provide a compliant ramp. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] Ramp runs shall have cross slopes not greater than 1:50 (2%). [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Either regrade to a maximum running slope of 1:20 (5%) for the walking surface, or provide a compliant ramp. The cost estimate for this barrier removal is based on providing a compliant ramp. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | 3972 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203450 | Hartman Park - Redmond Pool / EXTERIOR | Exterior Access Route | The accessible route has cross slopes greater than 1:50 (2%). Route from Parking Lot 2 The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 1600 |
| 200172 | City Hall / INTERIOR | Site Furnishings | The vending machines have operable parts which are not within reach range. 1st Floor Where provided, at least one of each type of depository, vending machine, change machine, and fuel dispenser shall comply. A clear floor or ground space shall be provided. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 16270 |
| 200170 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 1456 |
| 200222 | City Hall / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 1st Floor Conference Rooms Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 385 |
| 200224 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Conference Rooms Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 200171 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Kitchenette Install cane detectors. This barrier must be removed in conjunction with barrier ID 200556. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200556 | City Hall / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. 1st Floor Kitchenette Remove and lower to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200171. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 200 |
| 200178 | City Hall / INTERIOR | Restroom | The locker area does not have a compliant bench. 1st Floor Men's & Women's Locker Rooms Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | 3000 |
| 200180 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's & Women's Locker Rooms Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |
| 200181 | City Hall / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. 1st Floor Men's & Women's Locker Rooms Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |
| 200182 | City Hall / INTERIOR | Restroom | The coat hook is not within an allowable reach range. 1st Floor Men's & Women's Locker Rooms Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |
| 200167 | City Hall / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 400 |
| 200162 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Men's & Women's Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200165 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |
| 200516 | City Hall / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. 1st Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |
| 200183 | City Hall / INTERIOR | Restroom | The required clearance at the entry to the transfer stall is not provided. 1st Floor Men's Locker Room Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided. | 3 | 3000 |
| 200166 | City Hall / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 200163 | City Hall / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor Men's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 200164 | City Hall / INTERIOR | Restroom | The height of the water closet is not 17" minimum to 19" maximum above finished floor. 1st Floor Men's Restroom Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 630 |
| 200173 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200174 | City Hall / INTERIOR | Restroom | The coat hook is not within an allowable reach range. 1st Floor Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 200175 | City Hall / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st Floor Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 200 |
| 200234 | City Hall / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor Women's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | 1250 |
| 200194 | City Hall / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 2nd Floor - Douglas Fir Room & Bear Creek Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 110 |
| 200185 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 200186 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 200189 | City Hall / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 2nd Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 400 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200190 | City Hall / INTERIOR | Restroom | The coat hook is not within an allowable reach range. 2nd Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |
| 200191 | City Hall / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. 2nd Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |
| 200192 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 2nd Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |
| 200193 | City Hall / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. 2nd Floor Storage Room Relocate the shelving to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | 200 |
| 200187 | City Hall / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 200557. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |
| 200557 | City Hall / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200202 | City Hall / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 3rd Floor Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 605 |
| 200206 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 3rd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 200204 | City Hall / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. 3rd Floor Elevator Lobby Area Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 1098 |
| 200195 | City Hall / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 3rd Floor Elevator Lobby Area Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 1804 |
| 200203 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 3rd Floor Kitchenette Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200197 | City Hall / INTERIOR | Restroom | The coat hook is not within an allowable reach range. 3rd Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |
| 200198 | City Hall / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 3rd Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 400 |
| 200199 | City Hall / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. 3rd Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |
| 200200 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 3rd Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |
| 200201 | City Hall / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 3rd Floor Men's & Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1260 |
| 200196 | City Hall / INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. 3rd Floor Men's Restroom Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | 366 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200207 | City Hall / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 3rd Floor Service Desk Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 1804 |
| 200216 | City Hall / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 4th Floor Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 275 |
| 200219 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 4th Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 1456 |
| 200211 | City Hall / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 4th Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 400 |
| 200212 | City Hall / INTERIOR | Restroom | The coat hook is not within an allowable reach range. 4th Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |
| 200213 | City Hall / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. 4th Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200214 | City Hall / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 4th Floor Men's & Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1260 |
| 200215 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 4th Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |
| 200218 | City Hall / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. 4th Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |
| 200209 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Accounts Payable Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 200150 | City Hall / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Council Chambers Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 1804 |
| 200151 | City Hall / INTERIOR | Common Areas | Assembly areas do not provide compliant aisle seats. Council Chambers Provide a minimum of 5% of the total number of aisle seats as aisle seats designated as accessible. Accessible aisle seats shall be the aisle seats located closest to accessible routes, and shall be dispersed among types of seating available to the public. Where armrests are provided on the seating in the immediate area, folding or retractable armrests shall be provided on the aisle side of the designated accessible aisle seat. Each designated aisle seat shall be identified by a sign or marker. | 2 | 330 |
| 200231 | City Hall / INTERIOR | Common Areas | Assistive listening signage is not compliant or is not provided. Council Chambers Provide assistive listening signage. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. | 3 | 55 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200232 | City Hall / INTERIOR | Common Areas | The assistive listening device is not compliant or is not provided. Council Chambers Provide 3 additional assistive listening devices per the table at the bottom. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. Receivers required for use with an assistive listening system shall include a 1/8" standard mono jack. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neck loops. Neck loops and headsets that can be worn as neck loops are compatible with hearing aids. Receivers that are not compatible include earbuds, which may require removal of hearing aids, earphones, and headsets that must be worn over the ear, which can create disruptive interference in the transmission and can be uncomfortable for people wearing hearing aids. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech. For 50 or less seating capacity, provide a minimum of 2 receivers, both of which shall be hearing-aid compatible. For 51 to 200 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum two receivers which shall be hearing-aid compatible. For 201 to 500 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 501 to 1000 seating capacity, provide a minimum of 20 receivers, plus 1 per 33 seats over 500 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 1001 to 2000 seating capacity, provide a minimum of 35 receivers, plus 1 per 50 seats over 1000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 2001 and over seating capacity, provide a minimum of 55 receivers, plus 1 per 100 seats over 2000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. | 2 | 750 |
| 200160 | City Hall / INTERIOR | Common Areas | The coat hook is not within an allowable reach range. Council Chambers Staff Entrance Corridor Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 200168 | City Hall / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Council Chambers Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 200155 | City Hall / INTERIOR | Interior Access Route | The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds. Council Chambers Unisex Restroom Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. This barrier must be removed in conjunction with barrier ID 200156. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 200156 | City Hall / INTERIOR | Interior Access Route | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Council Chambers Unisex Restroom Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. This barrier must be removed in conjunction with barrier ID 200155. The cost of this barrier removal is covered under ID 200155 and therefore, the cost of this ID is shown as \$0. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 0 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200157 | City Hall / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Council Chambers Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 200158 | City Hall / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Council Chambers Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 200 |
| 200159 | City Hall / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Council Chambers Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 200139 | City Hall / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 200140 | City Hall / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 200141 | City Hall / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 3 (CR3) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 200144 | City Hall / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 4 (CR4) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200145 | City Hall / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 5 (CR5) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 200228 | City Hall / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | 275 |
| 200176 | City Hall / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Fitness Room Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 500 |
| 200188 | City Hall / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Heron Room, Chinook Room, Traffic Management Center Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 165 |
| 200205 | City Hall / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Human Resources Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 1804 |
| 200217 | City Hall / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Office of the Mayor Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 1804 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200142 | City Hall / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisle Serving Parking Stall P1 & P2 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 280 |
| 200229 | City Hall / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisles Serving Parking Stalls P3 - P6 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 560 |
| 200230 | City Hall / EXTERIOR | Exterior Access Route | WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Parking Lot 1 - Curb Ramps CR1 - CR6 Remove the detectable warning with truncated domes, and install a compliant detectable warning. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps]. | 1 | 3840 |
| 200143 | City Hall / EXTERIOR | Exterior Access Route | An accessible passenger loading/unloading zone is not provided where a loading/unloading area is present. Passenger Loading Zone Provide an accessible passenger loading/unloading zone. Passenger loading zones shall provide at least one accessible passenger loading zone in every continuous 100 linear feet of loading zone space, or fraction thereof, except bus loading areas. At least one accessible passenger loading zone shall be provided at an accessible entrance to a licensed medical care or licensed long term care facility where the period of stay exceeds 24 hours. The vehicular pull-up space shall be 96 inches wide minimum and 20 feet long minimum. The loading/unloading zone should allow the access aisle to be at the same level as the loading/unloading area it serves. The access aisle should be marked and separate from the loading/unloading area it serves. The access aisle shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisles shall be marked so as to discourage parking in them. Vehicle pull-up spaces and access aisles serving them shall comply. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide vertical clearance of 114 inches minimum. | 1 | 3200 |
| 200226 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair 1 (ST1) Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 2184 |
| 200184 | City Hall / INTERIOR | Interior Access Route | ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge. Stair 2 (ST2) ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is \$87.32 each. | 2 | 0 |
| 200221 | City Hall / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair 3 (ST3) Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 2184 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|----------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200147 | City Hall / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant or are provided.</p> <p>Stair 4 (ST4)</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | 815 |
| 200148 | City Hall / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stair 5 (ST5)</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | 105 |
| 200149 | City Hall / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant or are provided.</p> <p>Stair 5 (ST5)</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | 1956 |
| 200152 | City Hall / INTERIOR | Interior Access Route | <p>ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge.</p> <p>Stair 6 (ST6) Council Chambers</p> <p>ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is \$87.32 each.</p> | 2 | 0 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200153 | City Hall / INTERIOR | Interior Access Route | <p>Handrails are not provided.</p> <p>Stair 6 (ST6) Council Chambers</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]</p> | 1 | 978 |
| 200169 | City Hall / INTERIOR | Common Areas | <p>Controls and/or dispensers are not within an allowable reach range.</p> <p>Throughout Building</p> <p>Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 4 | 6500 |
| 203311 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Administration Offices</p> <p>Relocate objects or install cane detectors. This barrier must be removed in conjunction with ID 203732. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 1456 |
| 203732 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | <p>Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor.</p> <p>Administration Offices</p> <p>Remove and lower to a compliant reach range. This barrier must be removed in conjunction with ID 203311. The cost for this barrier removal is covered by ID 203311, therefore the cost is shown as \$0.</p> <p>Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | 0 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203232 | Redmond Community Center / INTERIOR | Interior Access Route | The existing signage is not mounted at the latch side of the door or at a compliant height. Administration Offices, Class 116, Conference Rooms 124, 202, 203, 204 Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 440 |
| 203224 | Redmond Community Center @ Marymoor Village / EXTERIOR | Exterior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Ballot Drop Box Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 200 |
| 203240 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Class 116 Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 200 |
| 203236 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Class 116, Conference Rooms 117, 124, 202, 203, 204 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 5000 |
| 203238 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route. Class 116, Conference Rooms 124, 202, 203, 204 Relocate dispensers. This barrier must be removed in conjunction with ID 203239. The cost for this barrier removal is covered by ID 203239 and 203728. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 1200 |
| 203239 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The push side of the accessible door does not have the required maneuvering clearances. Class 116, Conference Rooms 202, 203, 204 Redesign to provide the required maneuvering clearance on the push side the door. This barrier must be removed in conjunction with ID 203238. The cost for this barrier removal is covered by ID 203238, therefore the cost is shown as \$0. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 0 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203237 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Class 116, Kitchen and Storage, Conference Rooms 124, 202, 203, 204 Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48' minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60' maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 550 |
| 203234 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Class 116, Kitchen, Conference Rooms 124, 202, 203, 204 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 3294 |
| 203271 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Classroom 206 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 203235 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Conference Room 117 Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 150 |
| 203728 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Conference Room 124 Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with ID 203238. The cost for this barrier removal is covered by ID 203238, therefore the cost is shown as \$0. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 0 |
| 203281 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | The clear floor space at the refrigerator/freezer is not positioned for a parallel approach to the space dedicated for the refrigerator/freezer with the centerline of the clear floor or ground space offset 24" maximum from the centerline of the dedicated space. Employee Break Room Relocate the obstructions so that the clear floor space at the refrigerator/freezer is positioned for a parallel approach to the space dedicated for the refrigerator/freezer with the centerline of the clear floor or ground space offset 24" maximum from the centerline of the dedicated space. Floor or ground surfaces of a clear floor or ground space shall comply: Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Clear Floor spaces for appliances shall be permitted to overlap. | 5 | 701 |

| PHASE ONE BARRIERS | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203282 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Employee Break Room Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | 1351 |
| 203283 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Employee Break Room Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | 720 |
| 203284 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Employee Break Room Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant. | 5 | 65 |
| 203285 | Redmond Community Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Employee Break Room and Fitness Center Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 400 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203310 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Entrance E-1 Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 300 |
| 203293 | Redmond Community Center @ Marymoor Village / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Entrance E-2 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | 237 |
| 203313 | Redmond Community Center @ Marymoor Village / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is X" minimum. The required side clearance is Y" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 203267 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | Means of egress signage does not have tactile lettering. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18' minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style' Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | 220 |
| 203309 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Fitness Center Relocate dispensers or provide cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 1456 |
| 203305 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Fitness Center Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 2 | 400 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|---|---------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203307 | Redmond Community Center @ Marymoor Village/ INTERIOR | Common Areas | The dining table does not have compliant knee and toe clearance. Fitness Center - Employee Offices Provide dining tables with knee and toe clearance. Dining tables shall be minimum 28" and maximum 34" high. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 5 | 1000 |
| 203308 | Redmond Community Center @ Marymoor Village/ INTERIOR | Employee Work Areas | The work surface is not compliant. Fitness Center - Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 5 | 1030 |
| 203258 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203259. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 200 |
| 203259 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route. Kitchen Relocate or install cane detectors. This barrier must be removed in conjunction with ID 203258. The cost for this barrier removal is covered by ID 203258, therefore the cost is shown as \$0. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 0 |
| 203260 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Kitchen Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 203261 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant. | 2 | 65 |
| 203262 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 400 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203263 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | A minimum 30" wide section of the counter is not a minimum height of 28" and maximum height of 34" with knee and toe clearance. Kitchen Remove and install a kitchen counter that has a minimum 30" wide section of the work surface at minimum 28" height and maximum 34" height, and provides knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 4 | 2382 |
| 203264 | Redmond Community Center @ Marymoor Village/ INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | 1688 |
| 203265 | Redmond Community Center @ Marymoor Village/ INTERIOR | Concession Stand | The service counter does not have 36' wide section that is 36' maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Kitchen Service Counter Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36' minimum wide and 36' maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface. | 2 | 1804 |
| 203266 | Redmond Community Center @ Marymoor Village/ INTERIOR | Concession Stand | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Service Counter Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 200 |
| 203299 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Lecture Hall 133 Relocate the dispenser. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 200 |
| 203300 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The ramp running slope exceeds 1:12 (8.33%). Lecture Hall 133 Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). This barrier must be removed in conjunction with ID 203301. The cost for this barrier removal is covered by ID 203301, therefore the cost is shown as \$0. The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.] | 1 | 0 |
| 203301 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | The clear width of the ramp is less than 36". Lecture Hall 133 Remove and replace with a ramp that is at least 36" in width. This barrier must be removed in conjunction with ID 203300. The minimum clear width of a ramp shall be 36". The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" (915 mm) minimum. EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed. | 1 | 18536 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203303 | Redmond Community Center @ Marymoor Village/ INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Lecture Hall 133 Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | 1000 |
| 203295 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The rear grab bar in the wheelchair stall is not compliant. Men's and Women's Restrooms - Downstairs Remove and install a compliant rear grab bar in the wheelchair stall. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 203272 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The provided signage is not mounted at the latch side of the door or at a compliant height. Men's and Women's Restrooms - Upstairs and Downstairs Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 3 | 220 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203273 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The lavatory is mounted higher than 34" to the higher of the rim or counter. Men's and Women's Restrooms - Upstairs and Downstairs Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". | 3 | 2880 |
| 203276 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's and Women's Restrooms - Upstairs and Downstairs Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 1172 |
| 203277 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The wheelchair stall door is not compliant. Men's and Women's Restrooms - Upstairs and Downstairs Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. | 3 | 2000 |
| 203274 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The urinal dimensions are not compliant. Men's Restrooms - Upstairs and Downstairs Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges. | 3 | 1870 |
| 203275 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The flush control is located on the closed side and is more than 48" high, for an obstructed forward reach range of maximum 20" horizontally. Men's Restrooms - Upstairs and Downstairs Remove and install a compliant flush control. Operable parts shall be placed within one or more of the allowable reach ranges | 3 | 626 |
| 203226 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Stall P-1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 280 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203227 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 6300 |
| 203228 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 5000 |
| 203287 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Stall P-1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 280 |
| 203288 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Stalls P-2, P-3, P-4, P-5 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 560 |
| 203290 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Stalls P-2, P-3, P-4, P-5 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 10000 |
| 203229 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Accessible Parking | The slope of the parking space is greater than 1:50 (2%). Parking Stalls P-2, P-3, P-4, P-5 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 25200 |
| 203225 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking Stalls P-2, P-3, P-4, P-5 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1120 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203291 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Parking Stalls P-3 and P-5 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 991 |
| 203314 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Exterior Access Route | The accessible route has cross slopes greater than 1:50 (2%). Patio The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 3964 |
| 203315 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Common Areas | The dining table does not have 30" x 48" clear floor space positioned for a forward approach. Patio Provide clear floor space minimum 30" wide by minimum 48" deep, positioned for a forward approach to the dining tables, with the 30" dimension parallel with the edge of the table. Clear ground surface shall not exceed 2.08% slope in all directions. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Dining tables shall be minimum 28" and maximum 34" high. | 2 | 237 |
| 203316 | Redmond Community Center / EXTERIOR | Site Furnishings | Clear ground space is not provided at the trash receptacle with lid requiring operation. Patio Relocate the trash receptacle or provide a clear ground space at the trash receptacle with closed lid. A compliant clear floor or ground space shall be provided. Floor or ground surfaces of a clear floor or ground space shall be stable, firm and slip resistant. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. | 2 | 237 |
| 203312 | Redmond Community Center @ Marymoor Village/ EXTERIOR | Common Areas | A minimum of 5% ADA compliant dining seating and standing spaces are not provided. Patio Provide a minimum of 5% ADA compliant seating and standing spaces. At least one dining table must be compliant. The height of a dining table shall be minimum 28" and maximum 34". Provide a wheelchair space at the table with knee and toe clearance. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | 1000 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203294 | Redmond Community Center @ Marymoor Village/ INTERIOR | Exterior Access Route | The accessible route has cross slopes greater than 1:50 (2%). Route from Public Sidewalk to Entrance E-1 The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 1982 |
| 203268 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairwells Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 2 | 2534 |
| 203269 | Redmond Community Center @ Marymoor Village/ INTERIOR | Interior Access Route | Handrail extensions are not compliant. Stairwells Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 489 |
| 203242 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Unisex Restroom 118 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | 366 |
| 203256 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Unisex Restroom 118, Men's and Women's Restrooms - Upstairs and Downstairs Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 2520 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|---|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203247 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Unisex Restroom 118, Upstairs Restrooms - Men's and Women's Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 600 |
| 203297 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The space between the grab bar and projecting objects above the grab bar is less than 12" minimum. Unisex Restroom 119 Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.] | 3 | 200 |
| 203253 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restrooms 118 and 119 Install compliant shower spray unit and controls in the roll-in shower. This barrier must be removed in conjunction with barrier ID 203252. The cost of this barrier removal is covered under 203252. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate. | 3 | 0 |
| 203251 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restrooms 118 and 119, Upstairs Restrooms - Men's and Women's Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 1172 |
| 203252 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Unisex Restrooms 118, 119 Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and project-ing objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bars shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum | 3 | 14362 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|---|--------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203254 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The height of controls are not compliant. Unisex Restrooms 118, 119 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 400 |
| 203257 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | A transfer seat is provided but is not compliant. Unisex Restrooms 118, 119 Provide a compliant folding or non-folding seat. This barrier must be removed in conjunction with barrier ID 203252. The cost of this barrier removal is covered under 203252. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2' maximum from the seat wall. The side edge of all seats shall be 1-1/2' from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15' minimum to 16' maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor. | 3 | 0 |
| 203248 | Redmond Community Center / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restrooms 118, 119 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203249. The cost for this barrier removal is covered by ID 203249, therefore the cost is shown as \$0. | 2 | 0 |
| 203249 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Unisex Restrooms 118, 119 Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203249. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 600 |
| 203250 | Redmond Community Center @ Marymoor Village/ INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Unisex Restrooms 118, 119 Provide work surface at a compliant height. This barrier must be removed in conjunction with ID 203249. The cost for this barrier removal is covered by ID 203249, therefore the cost is shown as \$0. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | 0 |
| 203244 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | Alcoves are not 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15" Unisex Restrooms 118, 119 Ensure alcoves 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15"? | 2 | 2400 |

| PHASE ONE BARRIERS | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203245 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | WASHINGTON: The paper towel dispenser or dryer location is not compliant. Unisex Restrooms 118, 119 Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed]. | 3 | 400 |
| 203246 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restrooms 118, 119 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203245. | 2 | 0 |
| 203241 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The provided signage is not mounted at the latch side of the door or at a compliant height. Unisex Restrooms 118, 119 Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 3 | 110 |
| 203278 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restrooms - Upstairs and Downstairs Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 450 |
| 203279 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Women's Restrooms - Upstairs and Downstairs Relocate the dispenser. Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | 400 |
| 203280 | Redmond Community Center @ Marymoor Village/ INTERIOR | Restroom | The wheelchair stall door is not self closing. Women's Restrooms - Upstairs and Downstairs Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | 586 |
| 202525 | Redmond Community Center @ Marymoor Village/ INTERIOR | Common Areas | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. 1st Floor Corridor Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3-1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | 5439 |

| PHASE ONE BARRIERS | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202506 | Trinity Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>1st Floor Men's Restroom</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | 55 |
| 202507 | Trinity Building / INTERIOR | Restroom | <p>The wheelchair stall with a floor mounted water closet, in a multi-stall restroom, is less than 60" wide and 59" deep.</p> <p>1st Floor Men's Restroom</p> <p>Redesign to provide compliant wheelchair stall with a floor mounted water closet. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | 1368 |
| 202508 | Trinity Building / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>1st Floor Men's Restroom</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 3 | 355 |
| 202509 | Trinity Building / INTERIOR | Restroom | <p>The rear grab bar at the water closet is not compliant.</p> <p>1st Floor Men's Restroom</p> <p>Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | 355 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202510 | Trinity Building / INTERIOR | Restroom | <p>The height of controls are not compliant. 1st Floor Men's Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges.</p> <p>Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum.</p> <p>Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.]</p> <p>Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 200 |
| 202511 | Trinity Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. 1st Floor Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 115 |
| 202512 | Trinity Building / INTERIOR | Restroom | <p>The wheelchair stall door is not self closing. 1st Floor Men's Restroom</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p> | 3 | 293 |
| 202513 | Trinity Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. 1st Floor Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 115 |
| 202514 | Trinity Building / INTERIOR | Restroom | <p>The height of controls are not compliant. 1st Floor Men's Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges.</p> <p>Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum.</p> <p>Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.]</p> <p>Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 200 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202521 | Trinity Building / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>1st Floor Unisex Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 3 | 293 |
| 202522 | Trinity Building / INTERIOR | Restroom | <p>The height of controls are not compliant.</p> <p>1st Floor Unisex Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges.</p> <p>Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum.</p> <p>Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.]</p> <p>Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 200 |
| 202523 | Trinity Building / INTERIOR | Restroom | <p>The lavatory is mounted higher than 34" to the higher of the rim or counter.</p> <p>1st Floor Unisex Restroom</p> <p>Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".</p> | 3 | 720 |
| 202524 | Trinity Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>1st Floor Unisex Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 115 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 206022 | Trinity Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 202515 | Trinity Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 1st Floor Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 202516 | Trinity Building / INTERIOR | Restroom | The grab bars at the water closet are not provided. 1st Floor Women's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 202517 | Trinity Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 1st Floor Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 630 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202518 | Trinity Building / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>1st Floor Women's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 3 | 293 |
| 202519 | Trinity Building / INTERIOR | Restroom | <p>The lavatory does not have the required clear floor space of minimum 30" by minimum 48".</p> <p>1st Floor Women's Restroom</p> <p>Relocate the lockers to provide minimum 30" by minimum 48" clear floor space positioned for a forward approach to the lavatory. Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years and younger. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".</p> | 3 | 25 |
| 202520 | Trinity Building / INTERIOR | Restroom | <p>Pipes are not insulated.</p> <p>1st Floor Women's Restroom</p> <p>Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.</p> | 3 | 65 |
| 206039 | Trinity Building / INTERIOR | Amenity not evaluated | <p>The amenity cannot be accessed and, therefore, cannot be evaluated.</p> <p>1st Floor Women's Restroom Lockers</p> <p>The amenity could not be accessed, and therefore the amenity was not evaluated for compliance with accessibility codes and regulations.</p> | 0 | 0 |
| 202545 | Trinity Building / INTERIOR | Employee Work Areas | <p>The work surface is not compliant.</p> <p>2nd Floor Copier Room</p> <p>Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.</p> | 2 | 1030 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202544 | Trinity Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. 2nd Floor Corridor Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 1000 |
| 202547 | Trinity Building / INTERIOR | Employee Work Areas | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Corridor Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 206032 | Trinity Building / INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. 2nd Floor Kitchenette Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | 844 |
| 202526 | Trinity Building / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). 2nd Floor Kitchenette/Breakroom Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | 720 |
| 202527 | Trinity Building / INTERIOR | Interior Access Route | Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. 2nd Floor Kitchenette/Breakroom Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 186 |

PHASE ONE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------|----------|---|----------|---------------|
| 202528 | Trinity Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>2nd Floor Men's Restroom</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | 55 |
| 202529 | Trinity Building / INTERIOR | Restroom | <p>The door has less than 32" clear width.</p> <p>2nd Floor Men's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 3 | 1124 |
| 202532 | Trinity Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>2nd Floor Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 115 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202533 | Trinity Building / INTERIOR | Restroom | <p>A wheelchair stall is not provided in a multi-user restroom.</p> <p>2nd Floor Men's Restroom</p> <p>Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerlines: Age 3 and 4: 12"; Age 5 through 8: 12" to</p> | 3 | 3105 |
| 202534 | Trinity Building / INTERIOR | Restroom | <p>Pipes are not insulated.</p> <p>2nd Floor Men's Restroom</p> <p>Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.</p> | 3 | 65 |
| 202536 | Trinity Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>2nd Floor Women's Restroom</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | 55 |
| 202537 | Trinity Building / INTERIOR | Restroom | <p>The door has less than 32" clear width.</p> <p>2nd Floor Women's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 3 | 1124 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202538 | Trinity Building / INTERIOR | Restroom | Pipes are not insulated. 2nd Floor Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 65 |
| 202539 | Trinity Building / INTERIOR | Restroom | A wheelchair stall is not provided in a multi-user restroom. 2nd Floor Women's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Age 3 and 4, 12"; Age 5 through 8, 12" to | 3 | 3105 |
| 202543 | Trinity Building / INTERIOR | Restroom | Controls on dispensers are not compliant. 2nd Floor Women's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 400 |
| 202546 | Trinity Building / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. 2nd Floor-Main office space Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 202552 | Trinity Building / EXTERIOR | Exterior Access Route | WASHINGTON: An exterior accessible route is not provided. Building exterior Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 358 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202491 | Trinity Building / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Corridor Door Near Door D-1 Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 2 | 200 |
| 202490 | Trinity Building / EXTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Door D-1 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 366 |
| 202489 | Trinity Building / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Dor D-1 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 202548 | Trinity Building / INTERIOR | Employee Work Areas | The building does not have elevator access between stories. Elevator Provide an elevator for access to upper floors in multiple-storied buildings. Due to the length of the requirements for an elevator in the 2010 ADA Standards for Accessible Design, please refer to the separate elevator appendix of the report, which details Section 407 of the 2010 Standards for Accessible Design. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removing and repairing the barrier are not included. | 1 | 80000 |
| 202549 | Trinity Building / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Locker Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 206031 | Trinity Building / INTERIOR | Interior Access Route | The interior accessible route has less than 36" clear width. Locker Room Relocate the bench to ensure that a minimum width of 36" is provided for an accessible route. The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the turn is 60" minimum compliance shall not be required. An accessible route with a clear width less than 60" shall provide passing spaces at intervals of 200' maximum. Passing spaces shall be either: a space 60" minimum by 60" minimum; or, an intersection of two walking surfaces providing a T-shaped space where the base and arms of the T-shaped space extend 48" minimum beyond the intersection. | 1 | 500 |
| 202500 | Trinity Building / INTERIOR | Employee Work Areas | The locker room does not have a compliant bench. Locker Room Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | 1578 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202501 | Trinity Building / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Locker Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 202502 | Trinity Building / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Locker Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 225 |
| 202499 | Trinity Building / INTERIOR | Employee Work Areas | The locker room does not have at least one of the coat hooks within reach range. Locker Room Unisex Changing Rooms Provide at least one of the coat hooks within reach range. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply. Where coat hooks or shelves are provided in individual compartments, at least one of each type shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 200 |
| 206030 | Trinity Building / INTERIOR | Interior Access Route | The provided signage does not have the International Symbol of Accessibility, where not all elements of the same type are accessible. Locker Room Unisex Changing Rooms Remove and replace signage with compliant signage. The International Symbol of Accessibility shall be compliant. The International Symbol of Accessibility must be used to identify accessible elements, where not all elements of the same type are accessible. | 2 | 55 |
| 206021 | Trinity Building / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Locker Room Walk-in Closet Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 200 |
| 202495 | Trinity Building / INTERIOR | Employee Work Areas | The locker room does not have at least one of the coat hooks within reach range. Locker Room Walk-in Closet Provide at least one of the coat hooks within reach range. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply. Where coat hooks or shelves are provided in individual compartments, at least one of each type shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 200 |
| 202496 | Trinity Building / INTERIOR | Interior Access Route | Clear widths are less than 36" minimum, including protruding objects. Locker Room Walk-in Closet Relocate the shelf, bench and/or clothes rack to ensure clear widths of 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to be 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] | 1 | 500 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202498 | Trinity Building / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Locker Room Walk-in Closet Door Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 2 | 200 |
| 202503 | Trinity Building / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Meeting Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 202504 | Trinity Building / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Meeting Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | 720 |
| 202505 | Trinity Building / INTERIOR | Interior Access Route | Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. Meeting Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 250 |
| 202488 | Trinity Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |

| PHASE ONE BARRIERS | | | | | |
|--------------------|-----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202551 | Trinity Building / EXTERIOR | Site Furnishings | The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance. Picnic Table near Door D-2 Provide a compliant picnic table that allows a clear space of 30" x 48" positioned for forward approach. Provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Clear space shall be maximum 2.08% in all directions and a firm and stable surface. | 2 | 1300 |
| 202493 | Trinity Building / INTERIOR | Interior Access Route | Handrails are not compliant. Stairs by Door D-1 Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 1 | 3260 |
| 202494 | Trinity Building / INTERIOR | Interior Access Route | Handrails are not compliant. Stairs Near Door D-2 Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 1 | 6520 |
| 206033 | Trinity Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Storage /Shop Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 800 |

| PHASE ONE BARRIERS | | | | | |
|------------------------|-----------------------------|-----------------------|---|----------|-------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202553 | Trinity Building / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Storage /Shop</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | 2000 |
| 202550 | Trinity Building / EXTERIOR | Exterior Access Route | <p>The accessible route has gaps in the surface greater than 1/2" wide.</p> <p>To Door D-2</p> <p>Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.</p> | 1 | 99 |
| PHASE ONE TOTAL | | | | | \$ 406,026 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197401 | Old Fire Station Teen Center / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrance E-1 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 197412 | Old Fire Station Teen Center / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrance E-2 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 197434 | Old Fire Station Teen Center / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 197393 | Old Fire Station Teen Center / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Entrance E-4 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 197372 | Old Fire Station Teen Center / INTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Entrance E-4 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 366 |
| 197354 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Front Desk Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 199234 | Old Fire Station Teen Center / INTERIOR | Common Areas | The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface. | 2 | 1804 |
| 197359 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Desk - Storage Room, Staff Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 400 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197355 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Front Desk, Bridge of Promise Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 2500 |
| 197340 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Entry, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 1000 |
| 197345 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Front Hallway Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | 5439 |
| 197356 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The space between two doors in a series is less than 48" clear with doors open 90 degrees. Front Office Remove and replace with doors in a series that have at 48" of clear space between them, plus the width of any door swinging into the space. The distance between two hinged or pivoted doors in series and gates in series shall be 48" minimum plus the width of doors or gates swinging into the space. | 1 | 1080 |
| 197358 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The threshold at the accessible door is greater than 1/2" in height. Front Office - Rear Storage Room Remove and replace with a threshold that is 1/2" or less in height. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |
| 197360 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Game Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197361 | Old Fire Station Teen Center / INTERIOR | Common Areas | The locker room does not have at least one of the shelves at 40" minimum and 48" maximum height. Game Room Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 330 |
| 197373 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Game Room Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 199235 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Game Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 225 |
| 197390 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The accessible route does not have 80" vertical clearance. Gate G-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail, with at least one horizontal member 27" high maximum, shall be provided. | 1 | 200 |
| 197403 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The gate hardware is not compliant. Gate G-3 Handles, pulls, latches, locks and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Lever-operated mechanisms, push-type mechanisms and U-shaped handles are acceptable designs. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 200 |
| 197413 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The gate maneuvering clearance area is not compliant. Gate G-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate and the required latch side or hinge side clearance. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] | 1 | 568 |
| 197391 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Gates G-1, G-2, G-3, G-4 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | 640 |
| 197414 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The gate maneuvering clearance area is not compliant. Gates G-1, G-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 60". The required side clearance of 18" on the latch side of the gate shall be provided within the maneuvering clearance area. Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate and the required latch side clearance. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] | 1 | 1136 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197379 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Kitchen Relocate refrigerator or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 250 |
| 197380 | Old Fire Station Teen Center / INTERIOR | Kitchen | The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners. | 4 | 759 |
| 197381 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 200 |
| 197382 | Old Fire Station Teen Center / INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | 1688 |
| 197383 | Old Fire Station Teen Center / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Kitchen Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 197384 | Old Fire Station Teen Center / INTERIOR | Kitchen | A minimum 30" wide section of the counter is not a minimum height of 28" and maximum height of 34" with knee and toe clearance. Kitchen Remove and install a kitchen counter that has a minimum 30" wide section of the work surface at minimum 28" height and maximum 34" height, and provides knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 4 | 2382 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197386 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 400 |
| 197387 | Old Fire Station Teen Center / INTERIOR | Kitchen | The clearance between opposing base cabinets, counter tops, appliances or walls within kitchen work areas in a U-shaped kitchen enclosed on three sides are less than 60". Kitchen Relocate elements or remove elements to create minimum 60" clearance between opposing base cabinets, counter tops, appliances or walls within kitchen work areas. [EXCEPTION: Spaces that do not provide a cooktop or conventional range shall not be required to comply with 804.2.] | 4 | 9850 |
| 199251 | Old Fire Station Teen Center / INTERIOR | Kitchen | Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant. | 2 | 65 |
| 199228 | Old Fire Station Teen Center / INTERIOR | Employee Work Areas | The work surface is not compliant. Manager's Office, Bridge of Promise Office, Front Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 5 | 3091 |
| 199225 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Manager's Office, Front Desk (2), Bridge of Promise Office Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 5 | 1172 |
| 199224 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The door has less than 32" clear width. Manager's Office, Front Desk Storage Room, Bridge of Promise Office Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 5 | 7800 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 199226 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43". Manager's Office, Staff Meeting Room, Bridge of Promise Office Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 5 | 7800 |
| 199227 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Manger's Office, Bridge of Promise Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 1000 |
| 197346 | Old Fire Station Teen Center / INTERIOR | Restroom | Restroom is not accessible, and directional signs to the nearest accessible restroom is not provided. Men's and Women's Restrooms Provide compliant directional signage to the closest accessible restroom. The directional signage shall include the International Symbol of Accessibility. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 110 |
| 197432 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Stall P2-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 5000 |
| 197395 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle is not compliant. Parking Stall P2-1 Stripe with a compliant van accessible access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 420 |
| 197388 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Stalls P1-1 and P1-2 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 560 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|---|-----------------------|--|----------|---------------|
| 197389 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Stalls P1-1, P1-2 and P2-1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 560 |
| 197423 | Old Fire Station Teen Center / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Stalls P1-2 and P2-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 12600 |
| 197400 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance. Patio and Picnic Areas Provide a compliant picnic table that allows a clear space of 30" minimum x 48" minimum positioned for forward approach. The table must provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Wheelchair spaces shall adjoin accessible routes. Accessible routes and circulation paths shall not overlap wheelchair spaces. Clear space shall be maximum 1:48 (2.08%) in all directions and a firm and stable surface. | 2 | 3900 |
| 197416 | Old Fire Station Teen Center / EXTERIOR | Site Furnishings | Clear ground space is not provided at the trash receptacle with lid requiring operation. Patio Area Provide a clear ground space at the trash receptacle with closed lid. A compliant clear floor or ground space shall be provided. Floor or ground surfaces of a clear floor or ground space shall be stable, firm and slip resistant. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. | 2 | 237 |
| 197418 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | Clear ground space is not provided at the operable part. Patio Area Provide clear ground space at the operable part. The clear ground space shall be 30" minimum by 48" minimum, with a maximum slope of 2.08% in all directions. Clear ground space shall be positioned for either a forward or parallel approach to the operable part. The clear ground space shall be permitted to include knee and toe clearance. The clear ground space shall adjoin an accessible route or another clear ground space. Where a clear ground space is located in an alcove or otherwise confined on 3 or more sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24" for a forward approach. Alcoves shall be 60" wide minimum where the depth exceeds 15" for a parallel approach. | 2 | 237 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|---|-----------------------|--|----------|---------------|
| 197408 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Picnic Area Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 672 |
| 197409 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Picnic Area Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 178 |
| 197410 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | Clear ground space is not provided at the operable part. Picnic Area Provide clear ground space at the operable part. The clear ground space shall be 30" minimum by 48" minimum, with a maximum slope of 2.08% in all directions. Clear ground space shall be positioned for either a forward or parallel approach to the operable part. The clear ground space shall be permitted to include knee and toe clearance. The clear ground space shall adjoin an accessible route or another clear ground space. Where a clear ground space is located in an alcove or otherwise confined on 3 or more sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24" for a forward approach. Alcoves shall be 60" wide minimum where the depth exceeds 15" for a parallel approach. | 2 | 478 |
| 197402 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: An exterior accessible route is not provided. Picnic Area - Stage Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 551 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|---|-----------------------|---|----------|---------------|
| 197362 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Recording Studio Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 879 |
| 197363 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | A platform lift is required but not provided. Recording Studio Install a platform lift. Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible. | 1 | 22525 |
| 197364 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Handrails are not compliant. Recording Studio Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 1 | 815 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197353 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The existing signage is not mounted at the latch side of the door or at a compliant height. Recording Studio Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 55 |
| 197368 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Recording Studio Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 400 |
| 197370 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio Relocate the equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 250 |
| 197366 | Old Fire Station Teen Center / INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Recording Studio - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | 1030 |
| 197367 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio - Sound Booth Door Relocate equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197429 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Entrance E-4 to Gate G-2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 716 |
| 197425 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Gate G-1 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 1000 |
| 197415 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | A compliant turning space is not provided at a change of direction. Route from Gate G-4 to Entrance E-1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 495 |
| 197420 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Parking Lot 1 to the Entrance E-1 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 7928 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197398 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The clear width of the exterior accessible route is less than 44". Route from Parking Lot 2 to Entrance E-3 Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 107 |
| 197430 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Parking Stall P2-1 Access Aisle to Gate G-2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 600 |
| 197419 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from the Entrance E-1 to the Public Sidewalk Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 356 |
| 197399 | Old Fire Station Teen Center / EXTERIOR | Exterior Access Route | The sidewalk does not have 80" vertical clearance. Route to Entrance E-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail 27" high maximum shall be provided. | 1 | 500 |
| 197319 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Steps do not have uniform and compliant riser heights and/or tread depths. Show Room - Sound Booth All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum. | 1 | 688 |
| 197320 | Old Fire Station Teen Center / INTERIOR | Common Areas | The work surface height is not compliant. Knee and toe clearances are not provided. Show Room - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming. | 2 | 4764 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|---|-----------------------|--|----------|---------------|
| 197321 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The gate does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate. Show Room - Sound Booth Provide a swinging gate with a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | 160 |
| 199421 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Handrails are not provided. Show Room - Sound Booth Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] | 1 | 1304 |
| 199422 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | A ramp is required but not provided. Show Room - Sound Booth Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces. | 1 | 12578 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 199423 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | <p>The ramp run rises 6" or greater but has no handrails.</p> <p>Show Room - Sound Booth</p> <p>Install compliant handrails on each side of ramp. Handrails are required on ramp runs with a rise greater than 6". Handrails are not required on walking surfaces with running slopes less than 1:20. Handrails shall be provided on both sides of ramps. [EXCEPTION: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each ramp run. Inside handrails on ramps shall be continuous between runs. [EXCEPTION: In assembly areas, handrails on ramps shall not be required to be continuous in aisles serving seating.] Handrails shall be at a consistent height above the ramp on both sides of the ramp. Tops of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. [ADVISORY: The requirements for ramp handrails are for adults. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28", measured to the top of the gripping surface from the ramp surface or stair nosing, is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Ramp handrails shall extend horizontally above the landing for 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. Edge Protection: A curb or barrier shall be provided that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finish floor or ground surface, or the surface of the ramp shall extend 12" minimum beyond the handrail. [EXCEPTIONS: 1. Edge protection is not required on ramps that are not required to have handrails and curb ramps with flares. 2. Edge protection is not required on the sides of ramp landings serving an adjoining ramp run. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum landing area.]</p> | 1 | 10080 |
| 199424 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | <p>The gate is less than 32" in width.</p> <p>Show Room - Sound Booth</p> <p>Gates shall have a minimum clear opening of 32" with the gate open 90°, measured between the face of the gate and the stop. Door and gate openings shall provide a clear width of 32" minimum. Clear openings of doorways or gates with swinging doors and gates shall be measured between the face of the door/gate and the stop, with the door/gate open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 1 | 568 |
| 199229 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | <p>Steps do not have uniform and compliant riser heights and/or tread depths.</p> <p>Show Room - Stage</p> <p>All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. This barrier must be removed in conjunction with ID 197313. The cost for this barrier removal is covered by ID 197313, therefore the cost is shown as \$0. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.</p> | 1 | 0 |
| 197312 | Old Fire Station Teen Center / INTERIOR | Common Areas | <p>An accessible route does not connect the assembly area wheelchair spaces with performing areas.</p> <p>Show Room - Stage</p> <p>Provide an accessible route between the wheelchair spaces in the assembly area and the performing area. Performing areas include stages, arena floors, dressing rooms, locker rooms, and other spaces used by performers. An accessible route is minimum 36" wide, maximum 1:20 (5%) running slope, and maximum 1:50 (2%) cross slope. A stairway is not acceptable as the only available path of travel along an accessible route.</p> | 2 | 6000 |
| 197313 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | <p>Stairs have open risers.</p> <p>Show Room - Stage</p> <p>Replace with compliant stairs that have closed risers. Open risers are not permitted. This barrier must be removed in conjunction with ID 199229.</p> | 1 | 5040 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197315 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Show Room - Stage</p> <p>Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.</p> | 1 | 3260 |
| 197311 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | <p>Means of egress signage does not have tactile lettering.</p> <p>Show Room (2), Front Entry, Recording Studio, Couch Room</p> <p>Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18' minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style' Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]</p> | 2 | 275 |
| 197317 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | <p>Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route.</p> <p>Show Room, Couch Room</p> <p>Relocate objects so that leading edges are below 27" or install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 2184 |
| 199233 | Old Fire Station Teen Center / INTERIOR | Common Areas | <p>The door does not have 80" minimum vertical clearance from finish floor, excluding the door closer hinged bar and door stops.</p> <p>Show Room, Game Room, Couch Room</p> <p>Provide a door with 80" minimum vertical clearance. [EXCEPTION: Door closer and door stops can be 78" minimum.]</p> | 1 | 7800 |

| PHASE TWO BARRIERS | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197341 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Sports Closet, Arts Closet Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 110 |
| 197310 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Staff Offices Relocate furniture or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | 2500 |
| 197342 | Old Fire Station Teen Center / INTERIOR | Employee Work Areas | The door does not have 80" minimum vertical clearance from finish floor, excluding door closer hinged bar and door stops which can be 78" minimum. Staff Offices (2), Front Desk (2), Bridge of Promise Office Provide accessible door with 80" minimum vertical clearance. [EXCEPTION: Door closer and door stops can be 78" minimum.] | 5 | 13000 |
| 197309 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | The existing signage is not mounted at the latch side of the door or at a compliant height. Staff Offices, Staff Meeting Room Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | 220 |
| 197318 | Old Fire Station Teen Center / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Stage Room, Game Room, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 600 |
| 197323 | Old Fire Station Teen Center / INTERIOR | Restroom | The threshold at the accessible door is greater than 1/2" in height. Unisex Restroom Remove and replace with a threshold that is 1/2" or less in height. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 3 | 1250 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197324 | Old Fire Station Teen Center / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | 1250 |
| 197326 | Old Fire Station Teen Center / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Unisex Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 293 |
| 197327 | Old Fire Station Teen Center / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48' maximum and the low forward reach shall be 15' minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48' maximum where the reach depth is 20' maximum. Where the reach depth exceeds 20', the high forward reach shall be 44' maximum and the reach depth shall be 25' maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48' maximum and the low side reach shall be 15' minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34' maximum and the depth of the obstruction shall be 24' maximum. The high side reach shall be 48' maximum for a reach depth of 10' maximum. Where the reach depth exceeds 10', the high side reach shall be 46' maximum for a reach depth of 24' maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 197328 | Old Fire Station Teen Center / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1368 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|---|----------|---|----------|---------------|
| 197330 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 197331 | Old Fire Station Teen Center / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Unisex Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 630 |
| 197333 | Old Fire Station Teen Center / INTERIOR | Restroom | The rear grab bar at the water closet is not compliant. Unisex Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33' minimum and 36' maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18' minimum and 27' maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 355 |
| 197334 | Old Fire Station Teen Center / INTERIOR | Restroom | The space between the grab bar and projecting objects above the grab bar is less than 12" minimum. Unisex Restroom Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.] | 3 | 100 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 197337 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restroom Install compliant shower spray unit and controls in the roll-in shower. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall be mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate. | 3 | 500 |
| 197339 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present at the water closet. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 199231 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: Grab bars are not provided or are not compliant in the roll-in shower. Unisex Restroom Install compliant grab bars in the roll-in shower. [EXCEPTIONS: 1. Grab bars shall not be required to be installed in a shower located in a bathing facility for a single occupant accessed only through a private office, and not for common use or public use provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars. 2. In residential dwelling units, grab bars shall not be required to be installed in showers located in bathing facilities provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars.] Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. A grab bar shall be provided on the back wall beginning at the edge of the seat. The back wall grab bar shall extend the length of the wall but is not required to exceed 48" in length. Where a side wall is provided opposite the seat within 72" of the seat wall, provide a grab bar on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall, but is not required to exceed 30" in length. Grab bars shall be installed 6" maximum from adjacent walls. Grab bars shall have a compliant cross section. Grab bars with circular cross sections shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with non-circular cross sections shall have a cross-section dimension of 2" maximum and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends shall be 1-1/2" minimum. The space between the grab bar and projecting objects above shall be 12" minimum. [EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1- 1/2" minimum.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure. | 3 | 1405 |
| 199232 | Old Fire Station Teen Center / INTERIOR | Restroom | WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restroom Install compliant shower spray unit and controls in the roll-in shower. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate. | 3 | 1405 |
| 201326 | Public Safety Building / EXTERIOR | Exterior Access Route | Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Auto Sallyport J100 Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | 1000 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202827 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Break Room 254 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 201320. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 200 |
| 201319 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Break Room 254 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 201320 | Public Safety Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Break Room 254 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 202827. The cost of this barrier removal is covered under ID 202827 and therefore, the cost of this ID is shown as \$0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 0 |
| 201198 | Public Safety Building / INTERIOR | Interior Access Route | Means of egress signage is not provided. Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55% minimum and 110% maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 3 | 220 |
| 201305 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Coffee Alcove 243 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201306 | Public Safety Building / INTERIOR | Kitchen | The height of controls throughout the common area are not compliant. Coffee Alcove 243 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 125 |
| 201274 | Public Safety Building / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Corridor 287 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | 5439 |
| 201275 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Corridor 287 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 201332 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201333 & 201334. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 201333 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201332 & 201334. The cost of this barrier removal is covered under ID 201332 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | 0 |
| 201334 | Public Safety Building / EXTERIOR | Exterior Access Route | A landing at the top of the curb ramp is not present. Curb Ramp 1 (CR1) Construct a landing at the top of the curb ramp. This barrier must be removed in conjunction with barrier ID 201333 & 201334. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing. [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] The slope of the landing, where the landing connects to a sidewalk aligned perpendicular or angled to the curb ramp run requiring a wheelchair turn, shall be maximum 1:48 (2.08%). Where the landing connects to a sidewalk where the path of travel continues only in the same alignment as the curb ramp run, the slope of the landing may be maximum 5%. | 1 | 1289 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201328 | Public Safety Building / EXTERIOR | Exterior Access Route | Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Entry 197 Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | 150 |
| 201242 | Public Safety Building / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Entry 197 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | 5439 |
| 201243 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entry 197 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 201244 | Public Safety Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Entry 197 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 201327 | Public Safety Building / EXTERIOR | Exterior Access Route | The hardware at the accessible door is mounted below 34" or above 48". Entry J101 Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 676 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|---|----------|---------------|
| 201179 | Public Safety Building / INTERIOR | Interior Access Route | <p>The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.</p> <p>Entry Lobby 101</p> <p>Install accessible drinking fountain(s). This barrier must be removed in conjunction with barrier ID 201180. No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units.</p> <p>Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.]</p> <p>Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.</p> <p>Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground.</p> <p>Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 4 | 5439 |
| 201180 | Public Safety Building / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Entry Lobby 101</p> <p>Install cane detectors. This barrier must be removed in conjunction with barrier ID 201179. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 728 |
| 201206 | Public Safety Building / INTERIOR | Common Areas | <p>The vending machines have operable parts which are not within reach range.</p> <p>Entry Vestibule 117 & Room 140</p> <p>Where provided, at least one of each type of depository, vending machine, change machine, and fuel dispenser shall comply. A clear floor or ground space shall be provided. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | 9762 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201270 | Public Safety Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Exercise 165 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 250 |
| 201271 | Public Safety Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Exercise 165 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 225 |
| 201329 | Public Safety Building / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Gate 1 (G1) & Gate 2 (G2) Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | 320 |
| 201341 | Public Safety Building / INTERIOR | Common Areas | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Jail Booking Area J104 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | 5439 |
| 201342 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Jail Booking Area J104 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------------------|--|----------|---------------|
| 201339 | Public Safety Building / INTERIOR | Detention/Correctional Facilities | <p>Less than 3% of the detention cells are mobility cells. Jail Cells J106, J107, J111, J125, J127 Provide a minimum of 3%, but no fewer than one, of the total number of cells being altered or constructed until at least 3%, but no fewer than one, of the total number of cells in a facility. provide mobility features. Required mobility features are: Where separate holding cells are provided for adult male, juvenile male, adult female or juvenile female, one of each type shall comply. Where central holding cells are provided and are not separated by age or sex, at least one cell shall have mobility features. Provide a wheelchair toilet stall within the cell with minimum dimensions: 60" minimum wide by 56" minimum deep for a wall hung toilet or 60" minimum wide by 59" minimum deep for floor mounted toilet. The lavatory shall not overlap the required clear space at the toilet of minimum 60" measured from side wall and minimum 56" measured from rear wall. Measurements shall be perpendicular to the wall. A turning space minimum 60" in diameter, or a T-shaped space shall be provided within the cell. A T-shaped turning space shall be within a 60" square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each directions and the base shall be clear of obstructions 24" minimum. The approach to the turning space shall be 48" wide minimum and the exit 42" wide minimum. The bed shall have an adjacent clear space of 30" minimum by 48" minimum, with the 48" long dimension parallel with length of the bed. Where audible emergency alarm systems are provided to serve the occupants of cells, the cell shall be equipped with an visible emergency alarm system. [EXCEPTION: Visible alarms shall not be required where inmates or detainees are not allowed independent means of egress.] Where a bench is provided, the bench shall have adjacent clear space minimum 30" by minimum 48" at the end of the bench, with the 48" dimension parallel to the short axis of the bench. The bench shall have the following dimensions: 20" minimum to 24" maximum deep by 42" minimum long bench, fixed either against a wall or with backrest along the longer dimension. The top of the bench seat shall be 17" minimum and 19" maximum from finish floor. The backrest shall be minimum 42" long, with extension from a point 2" maximum above seat surface to 18" minimum above seat surface, and maximum 2 1/2" behind the rear edge of the seat. all parts of the seat have structural strength to support 250 LBS vertical or horizontal stress applied to all points on seat, fastener, or mounting device. When installed in possible wet locations, the surface of the seat shall be slip resistant, and designed to not accumulate water. [EXCEPTION: Alterations to cells shall not be required to comply except to the extent determined by the U. S. Attorney General.] Although these requirements do not specify that cells be accessible as a consequence of an alteration, Title II of the ADA requires that each service, program, or activity conducted by a public entity, when viewed in its entirety, be readily accessible to and usable by individuals with disabilities. This requirement must be met unless doing so would fundamentally alter the nature of a service, program, or activity or would result in undue financial and administrative burdens. Buildings, facilities, or portions thereof, in which people are detained for penal or correction purposes, or in which the liberty of the inmates is restricted for security reasons shall comply. Alterations to jails, prisons, and other detention and correctional facilities shall comply with the 2010 Standards, except that public entities shall provide compliant accessible mobility features for a minimum of 3%, but no fewer than one, of the total number of cells being altered until at least 3%, but no fewer than one, of the total number of cells in a facility shall provide compliant mobility features . Altered cells with mobility features shall be provided in each classification level. However, when alterations are made to specific cells, detention and correctional facility operators may satisfy their obligation to provide the required number of cells with mobility features by providing the required mobility features in substitute cells (cells other than those where alterations are originally planned), provided that each substitute cell— (i) Is located within the same prison site; (ii) Is integrated with other cells to the maximum extent feasible; (iii) Has, at a minimum, equal physical access as the altered cells to areas used by inmates or detainees for visitation, dining, recreation, educational programs, medical services, work programs, religious services, and participation in other programs that the facility offers to inmates or detainees; and, (iv) If it is technically infeasible to locate a substitute cell within the same prison site, a substitute cell must be provided at another prison site within the corrections system. [Advisory 807.2.4 Toilet and Bathing Facilities. In holding cells, housing cells, or rooms required to be accessible, these requirements do not require a separate toilet room.] Altered cells with mobility features shall be provided in each classification level. General holding cells and general housing cells shall be provided.</p> | 3 | 13550 |
| 201337 | Public Safety Building / INTERIOR | Interior Access Route | <p>The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Jail J118B Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 1 | 293 |
| 201338 | Public Safety Building / INTERIOR | Common Areas | <p>The counter oriented for a forward approach does not have clear floor space for a forward approach with toe and knee clearance. Jail J118B Provide a clear floor space for a forward approach with toe and knee clearances at the 36" maximum high by 30" minimum long section of counter. Clear space shall be maximum 2.08% in all directions and a firm and stable surface.</p> | 2 | 290 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|----------|---|----------|---------------|
| 202900 | Public Safety Building / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>Jail Restroom/Shower J123</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 115 |
| 202901 | Public Safety Building / INTERIOR | Restroom | <p>The height of controls are not compliant.</p> <p>Jail Restroom/Shower J123</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 200 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|----------|---|----------|---------------|
| 202902 | Public Safety Building / INTERIOR | Restroom | <p>The entire restroom is not compliant due to limited room dimensions, non-compliant fixtures and layout.</p> <p>Jail Restroom/Shower J123</p> <p>Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or</p> | 3 | 12000 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|--|----------|---------------|
| 201343 | Public Safety Building / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant. Jail Restroom/Shower J123 Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth</p> | 3 | 7181 |
| 201344 | Public Safety Building / INTERIOR | Restroom | <p>The height of controls throughout the common area are not compliant. Jail Restroom/Shower J123 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | 200 |
| 201228 | Public Safety Building / INTERIOR | Interior Access Route | <p>The hardware at the accessible door is mounted below 34" or above 48". Jail/Booking Area J119 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 1 | 293 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201195 | Public Safety Building / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Lobby Reception 105 Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 1804 |
| 201196 | Public Safety Building / INTERIOR | Interior Access Route | The highest operable part of the accessible public telephone is not compliant. Lobby Reception 105 Lower so that the highest operable part of the telephone is within the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | 400 |
| 201322 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Lounge 247 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 201323 | Public Safety Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Lounge 247 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 202828. The cost of this barrier removal is covered under ID 202828 and therefore, the cost of this ID is shown as \$0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 250 |
| 202828 | Public Safety Building / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Lounge 247 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 201323. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 225 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|--|----------|---------------|
| 201325 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Lower Level Police Vehicle Parking Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 1456 |
| 201291 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Lunch Room 226 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 201292 | Public Safety Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Lunch Room 226 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 225 |
| 201293 | Public Safety Building / INTERIOR | Common Areas | The height of controls throughout the common area are not compliant. Lunch Room 226 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 125 |
| 201247 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Lockers 160 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 500 |
| 201254 | Public Safety Building / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Men's Lockers 160 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | 1250 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201248 | Public Safety Building / INTERIOR | Restroom | The locker area does not have a compliant bench. Men's Lockers 160 & Women's Lockers 163 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | 1200 |
| 201249 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Lockers 160 & Women's Lockers 163 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 130 |
| 201250 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Lockers 160 & Women's Lockers 163 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |
| 201251 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Lockers 160 & Women's Lockers 163 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1420 |
| 201252 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Lockers 160 & Women's Lockers 163 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|----------|---|----------|---------------|
| 201253 | Public Safety Building / INTERIOR | Restroom | <p>WASHINGTON: The roll-in shower stall is not compliant. Men's Lockers 160 & Women's Lockers 163 Provide a compliant roll-in shower. SHOWER SIZE AND SEAT: Standard roll-in-type shower compartments shall have a clear inside dimension of 60" minimum in width and 30" minimum in depth, measured at the center point of opposing sides. An entry 60" minimum in width shall be provided. Provide clearance of 60" minimum long adjacent to the 60" width of the open face of the shower compartment, and 30" minimum deep. [EXCEPTION: A lavatory shall be permitted at the end of the clearance opposite the seat.] A folding seat shall be provided on an end wall. [EXCEPTIONS: 1. A seat is not required to be installed in a shower for a single occupant accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located to permit the installation of a shower seat. 2. A fixed seat shall be permitted where the seat does not overlap the minimum clear inside dimension.] Alternate roll-in shower compartments shall have a clear inside dimension of 60" minimum in width, and 36" deep, measured at the center point of opposing sides. An entry 36" minimum in width shall be provided at one end of the 60" width of the compartment. A seat wall, 24" minimum and 36" maximum in length, shall be provided on the entry side of the compartment. A folding seat shall be provided on the seat wall opposite the back wall. [EXCEPTION: A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat.] SHOWER SEATS: The height of shower compartment seats shall be 17 minimum and 19" maximum above the bathroom floor, measured to the top of the seat. In transfer-type and alternate roll-in-type showers, the seat shall extend along the seat wall to a point within 3" of the compartment entry. In standard roll-in-type showers, the seat shall extend from the control wall to a point within 3" of the compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the control wall of a roll-in-type shower. The rear edge of an L shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] In standard roll-in type showers, a grab bar shall be provided on the back wall beginning at the edge of the seat. The grab bars shall not be provided above the seat. The back wall grab bar shall extend the length of the wall but shall not be required to exceed 48" length. Where a side wall is provided opposite the seat within 72" of the seat wall, a grab bar shall be provided on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall but shall not be required to exceed 30" length. In alternate roll-in type showers, grab bars shall be provided on the back wall and the end wall adjacent to the seat. Grab bars shall not be provided above the seat. For both standard and alternate roll-in showers, grab bars shall be 6" maximum from the adjacent wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor, measured to the top of the gripping surface Grab bars with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with a noncircular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends of the grab bar shall be 1-1/2" minimum. The</p> | 3 | 9500 |
| 201245 | Public Safety Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Lockers 160 & Women's Lockers 163 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | 110 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201246 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Lockers 160 & Women's Lockers 163 Install at least on coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |
| 202823 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Lockers 160 & Women's Lockers 163 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 400 |
| 201208 | Public Safety Building / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Men's Restroom 120 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | 1250 |
| 201209 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom 120 & Women's Restroom 121 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 130 |
| 201210 | Public Safety Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom 120 & Women's Restroom 121 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 400 |
| 201211 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 120 & Women's Restroom 121 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201212 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom 120 & Women's Restroom 121 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |
| 201213 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom 120 & Women's Restroom 121 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |
| 201214 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Restroom 120 & Women's Restroom 121 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1420 |
| 201207 | Public Safety Building / INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's Restroom 120 & Women's Restroom 121 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | 732 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201224 | Public Safety Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>Men's Restroom 141 & Women's Restroom 142</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | 110 |
| 201225 | Public Safety Building / INTERIOR | Restroom | <p>The entire restroom is not compliant due to limited room dimensions.</p> <p>Men's Restroom 141 & Women's Restroom 142</p> <p>Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or</p> | 3 | 24000 |
| 201226 | Public Safety Building / INTERIOR | Restroom | <p>Controls on dispensers are not compliant.</p> <p>Men's Restroom 141 & Women's Restroom 142</p> <p>Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 202764. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 3 | 400 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|----------|---|----------|---------------|
| 201227 | Public Safety Building / INTERIOR | Restroom | The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate Men's Restroom 141 & Women's Restroom 142 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |
| 202764 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom 141 & Women's Restroom 142 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 201226. The cost of this barrier removal is covered under ID 201226 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 0 |
| 202820 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 200 |
| 202821 | Public Safety Building / INTERIOR | Restroom | The shelf is not located between 40" minimum and 48" maximum above finish floor. Men's Restroom 178, 179, 180, 182 Relocate a shelf to 40" minimum and 48" maximum above finish floor. | 3 | 150 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202822 | Public Safety Building / INTERIOR | Restroom | <p>The height of controls are not compliant. Men's Restroom 178, 179, 180, 182</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 201236. The cost of this barrier removal is covered under ID 201236 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> <p>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 0 |
| 201230 | Public Safety Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 178, 179, 180, 182</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | 55 |
| 201231 | Public Safety Building / INTERIOR | Restroom | <p>Pipes are not insulated. Men's Restroom 178, 179, 180, 182</p> <p>Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.</p> | 3 | 130 |
| 201232 | Public Safety Building / INTERIOR | Restroom | <p>The locker area does not have accessible lockers. Men's Restroom 178, 179, 180, 182</p> <p>Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | 1320 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201233 | Public Safety Building / INTERIOR | Restroom | The locker area does not have a compliant bench. Men's Restroom 178, 179, 180, 182 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | 600 |
| 201234 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom 178, 179, 180, 182 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 201235 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: Grab bars are not provided or are not compliant in the roll-in shower. Men's Restroom 178, 179, 180, 182 Install compliant grab bars in the roll-in shower. [EXCEPTIONS: 1. Grab bars shall not be required to be installed in a shower located in a bathing facility for a single occupant accessed only through a private office, and not for common use or public use provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars. 2. In residential dwelling units, grab bars shall not be required to be installed in showers located in bathing facilities provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars.] Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. A grab bar shall be provided on the back wall beginning at the edge of the seat. The back wall grab bar shall extend the length of the wall but is not required to exceed 48" in length. Where a side wall is provided opposite the seat within 72" of the seat wall, provide a grab bar on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall, but is not required to exceed 30" in length. Grab bars shall be installed 6" maximum from adjacent walls. Grab bars shall have a compliant cross section. Grab bars with circular cross sections shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with non-circular cross sections shall have a cross-section dimension of 2" maximum and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends shall be 1-1/2" minimum. The space between the grab bar and projecting objects above shall be 12" minimum. [EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure. | 3 | 1405 |
| 201236 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Men's Restroom 178, 179, 180, 182 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 202822. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 400 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201237 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Men's Restroom 178, 179, 180, 182 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | 313 |
| 201238 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Restroom 178, 179, 180, 182 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 201239 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom 178, 179, 180, 182 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 293 |
| 201240 | Public Safety Building / INTERIOR | Restroom | The wheelchair stall door is not self closing. Men's Restroom 178, 179, 180, 182 Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | 293 |
| 201241 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 500 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|----------|---|----------|---------------|
| 201303 | Public Safety Building / INTERIOR | Restroom | The force required to open the interior, hinged, non-fire door is more than 5 pounds. Men's Restroom 259 & Women's Restroom 258 Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. | 3 | 732 |
| 201295 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 259 & Women's Restroom 258 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 110 |
| 201296 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom 259 & Women's Restroom 258 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 130 |
| 201297 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom 259 & Women's Restroom 258 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201298 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom 259 & Women's Restroom 258 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |
| 201299 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 259 & Women's Restroom 258 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |
| 201300 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Restroom 259 & Women's Restroom 258 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1420 |
| 201277 | Public Safety Building / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Men's Restroom 288 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | 1250 |
| 201278 | Public Safety Building / INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's Restroom 288 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | 366 |
| 201279 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom 288 & Women's Restroom 285 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 130 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|----------|---|----------|---------------|
| 201280 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom 288 & Women's Restroom 285 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 586 |
| 201281 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom 288 & Women's Restroom 285 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |
| 201282 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 288 & Women's Restroom 285 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 710 |
| 201283 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's Restroom 288 & Women's Restroom 285 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1420 |

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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|---|----------|---------------|
| 201276 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 288 & Women's Restroom 285 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 110 |
| 201335 | Public Safety Building / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. North Pedestrian Walkway Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | 5600 |
| 201204 | Public Safety Building / EXTERIOR | Interior Access Route | Clear floor space is not provided at the accessible public telephone Northwest Entrance Provide a clear floor space of at least 30" x 48" that allows either a forward or parallel approach. A compliant clear floor or ground space shall be provided. The clear floor or ground space shall not be obstructed by bases, enclosures, or seats. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 shall be permitted. The clear floor or ground space shall be 30" (760 mm) minimum by 48" (1220 mm) minimum. | 4 | 237 |
| 201205 | Public Safety Building / EXTERIOR | Exterior Access Route | Clear space is not provided at the operable part. Northwest Entrance Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance. | 3 | 237 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|--|----------|---------------|
| 201336 | Public Safety Building / EXTERIOR | Exterior Access Route | An accessible passenger loading/unloading zone is not provided where a loading/unloading area is present. Northwest Entry Loading/Unloading Zone Provide an accessible passenger loading/unloading zone. Passenger loading zones shall provide at least one accessible passenger loading zone in every continuous 100 linear feet of loading zone space, or fraction thereof, except bus loading areas. At least one accessible passenger loading zone shall be provided at an accessible entrance to a licensed medical care or licensed long term care facility where the period of stay exceeds 24 hours. The vehicular pull-up space shall be 96 inches wide minimum and 20 feet long minimum. The loading/unloading zone should allow the access aisle to be at the same level as the loading/unloading area it serves. The access aisle should be marked and separate from the loading/unloading area it serves. The access aisle shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisles shall be marked so as to discourage parking in them. Vehicle pull-up spaces and access aisles serving them shall comply. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide vertical clearance of 114 inches minimum. | 1 | 3171 |
| 201321 | Public Safety Building / INTERIOR | Interior Access Route | The door has less than 32" clear width. Office 248 Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 1 | 2600 |
| 201171 | Public Safety Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |
| 201345 | Public Safety Building / INTERIOR | Employee Work Areas | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Police Lab Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | 720 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|---------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201346 | Public Safety Building / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Police Lab Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 1000 |
| 201347 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Police Lab Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 201348 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Police Lab Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|---|----------|---------------|
| 201349 | Public Safety Building / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Police Lab Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground.</p> <p>[ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | 200 |
| 201173 | Public Safety Building / EXTERIOR | Exterior Access Route | <p>WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp 1 (R1)</p> <p>Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | 2608 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|--|----------|---------------|
| 202751 | Public Safety Building / EXTERIOR | Exterior Access Route | <p>WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp 2 (R2)</p> <p>Provide compliant handrails on both sides of the ramp. This barrier must be removed in conjunction with barrier ID 201777 & 201178. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | 4564 |
| 201177 | Public Safety Building / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The slopes of the ramp are not compliant.</p> <p>Ramp 2 (R2)</p> <p>The ramp should be removed and replaced with a compliant ramp. This barrier must be removed in conjunction with barrier ID 201178 & 202751. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".</p> | 1 | 8606 |
| 201178 | Public Safety Building / EXTERIOR | Exterior Access Route | <p>The ramp does not have a level landing at the top and/or bottom of each run.</p> <p>Ramp 2 (R2)</p> <p>The ramp should be removed and an accessible ramp should be installed that has level landings and landings at any change of direction. This barrier must be removed in conjunction with barrier ID 201177 & 202751. Ramps shall have compliant landings at the top and the bottom of each ramp run. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The landing clear width shall be at least as wide as the widest ramp run leading to the landing. The landing clear length shall be 60" long minimum. Ramps that change direction between runs at landings shall have a clear landing 60" minimum by 60" minimum. Where doorways are located adjacent to a ramp landing, maneuvering clearances required shall be permitted to overlap the required landing area. Ramp runs with a rise greater than 6" shall have compliant handrails. [EXCEPTION: Within employee work areas, handrails shall not be required where ramps that are part of common use circulation paths are designed to permit the installation of handrails.] Ramps not subject to the exceptions shall be designed to maintain a 36" minimum clear width when handrails are installed. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides complying. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum landing area.] Edge protection shall be provided, using one of two options. Either the floor or ground surface of the ramp run or landing shall extend 12" minimum beyond the inside face of a compliant handrail or a barrier shall prevent the passage of a 4" sphere from the ramp landing surface. Option 1: The floor or ground surface of the ramp run or landing shall extend 12" minimum beyond the inside face of a compliant handrail. Option 2: A curb or barrier shall be provided that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finish floor or ground surface. Landings subject to wet conditions shall be designed to prevent the accumulation of water.</p> | 1 | 3490 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201308 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Restroom 253 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 201309 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Restroom 253 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 65 |
| 201310 | Public Safety Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Restroom 253 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 200 |
| 201311 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Restroom 253 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 200 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|----------|--|----------|---------------|
| 201312 | Public Safety Building / INTERIOR | Restroom | The height of the water closet is not 17" minimum to 19" maximum above finished floor. Restroom 253 Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 630 |
| 201313 | Public Safety Building / INTERIOR | Restroom | The centerline of the wheelchair accessible toilet is not 16" minimum to 18" maximum from the side wall. Restroom 253 Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches minimum and 18 inches maximum from the side wall or partition. | 3 | 630 |
| 201314 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Restroom 253 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | 313 |
| 201315 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Restroom 253 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 201316 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Restroom 253 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 201317 | Public Safety Building / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Restroom 253 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | 150 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|--|----------|---------------|
| 201318 | Public Safety Building / INTERIOR | Restroom | The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate Restroom 253 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 293 |
| 201175 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Southwest Pedestrian Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 1664 |
| 201221 | Public Safety Building / INTERIOR | Common Areas | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Staff Lounge 139A Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 201222 | Public Safety Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Staff Lounge 139A Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 225 |
| 201223 | Public Safety Building / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Staff Lounge 139A Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 150 |
| 201174 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 1 (ST1) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | 281 |
| 201176 | Public Safety Building / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 2 (ST2) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | 633 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|--|----------|---------------|
| 201294 | Public Safety Building / INTERIOR | Common Areas | <p>Controls and/or dispensers are not within an allowable reach range.</p> <p>Throughout Building</p> <p>Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 4 | 250 |
| 201288 | Public Safety Building / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Throughout Building</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | 375 |
| 201289 | Public Safety Building / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Throughout Building</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 728 |
| 201290 | Public Safety Building / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Throughout Building</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 728 |
| 201273 | Public Safety Building / INTERIOR | Interior Access Route | <p>The bottom of the door vision light is higher than 43" and less than 66".</p> <p>Throughout Building</p> <p>Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]</p> | 2 | 93600 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|-----------------------|--|----------|---------------|
| 201219 | Public Safety Building / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Throughout Building</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | 1000 |
| 201181 | Public Safety Building / INTERIOR | Interior Access Route | <p>The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.</p> <p>Throughout Building</p> <p>Procure a compliant and consistent signage package for replacement and installation throughout the building. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p> | 2 | 7500 |
| 201199 | Public Safety Building / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Training Room 116</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 1 | 1500 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201200 | Public Safety Building / INTERIOR | Interior Access Route | <p>Handrails are not provided.</p> <p>Training Room 116</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]</p> | 1 | 1304 |
| 201201 | Public Safety Building / INTERIOR | Interior Access Route | <p>An accessible route does not connect the assembly area wheelchair spaces with performing areas.</p> <p>Training Room 116</p> <p>Provide an accessible route between the wheelchair spaces in the assembly area and the performing area. Performing areas include stages, arena floors, dressing rooms, locker rooms, and other spaces used by performers. An accessible route is minimum 36" wide, maximum 1:20 (5%) running slope, and maximum 1:50 (2%) cross slope. A stairway is not acceptable as the only available path of travel along an accessible route.</p> | 2 | 1614 |
| 201202 | Public Safety Building / INTERIOR | Interior Access Route | <p>Handrails are not provided.</p> <p>Training Room 116</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]</p> | 1 | 1304 |
| 201203 | Public Safety Building / INTERIOR | Interior Access Route | <p>Handrails are not compliant - the gripping surface is not within 1.25" - 2" in diameter, or does not provide a non circular grip that has a perimeter dimension of 4"- 6.25" max</p> <p>Training Room 116</p> <p>Modify handrails to have a gripping surface 1.25" - 2" in diameter or a non circular grip that has a perimeter dimension of 4"- 6.25" max</p> | 1 | 7700 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201350 | Public Safety Building / INTERIOR | Interior Access Route | The ramp running slope exceeds 1:12 (8.33%). Training Room 116 Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.] | 1 | 13240 |
| 201351 | Public Safety Building / INTERIOR | Common Areas | Assembly areas do not provide wheelchair spaces. Training Room 116 Wheelchair spaces shall be provided. A single wheelchair space is minimum 36" wide. Where two wheelchair spaces adjoin, the wheelchair spaces shall be minimum 33" wide. When approached from the front or rear, wheelchair spaces shall be minimum 48" deep. Wheelchair spaces approached from the side shall be minimum 60" deep. One side of the wheelchair space shall connect to, but be separate from, an accessible route and shall not overlap the circulation path. In row seating, at least one companion seat shall be provided adjacent to each required wheelchair space. Number of Wheelchair Spaces in Assembly Areas Number of Seats- Minimum Number of Required Wheelchair Spaces: 4 to 25 requires 1; 26 to 50 requires 2; 51 to 150 requires 4; 151 to 300 requires 5; 301 to 500 requires 6; 501 to 5000 requires 6, plus 1 for each 150, or fraction thereof, between 501 through 5000; 5001 and over requires 36, plus 1 for each 200, or fraction thereof, over 5000. Wheelchair spaces shall provide compliant lines of sight. In providing lines of sight, wheelchair spaces shall be dispersed. Wheelchair spaces shall provide spectators with choices of seating locations and viewing angles that are substantially equivalent to, or better than, the choices of seating locations and viewing angles available to all other spectators. When the number of wheelchair spaces required has been met, further dispersion shall not be required. Wheelchair spaces shall be dispersed horizontally. [EXCEPTIONS: 1. Horizontal dispersion shall not be required in assembly areas with 300 or fewer seats if the companion seats required and wheelchair spaces are located within the 2nd or 3rd quartile of the total row length. Intermediate aisles shall be included in determining the total row length. If the row length in the 2nd and 3rd quartile of a row is insufficient to accommodate the required number of companion seats and wheelchair spaces, the additional companion seats and wheelchair spaces shall be permitted to be located in the 1st and 4th quartile of the row. 2. In row seating, two wheelchair spaces shall be permitted to be located side-by-side.] Wheelchair spaces shall be dispersed vertically at varying distances from the screen, performance area, or playing field. In addition, wheelchair spaces shall be located in each balcony or mezzanine that is located on an accessible route. [EXCEPTIONS: 1. Vertical dispersion shall not be required in assembly areas with 300 or fewer seats if the wheelchair spaces provide viewing angles that are equivalent to, or better than, the average viewing angle provided in the facility.] | 2 | 944 |
| 201352 | Public Safety Building / INTERIOR | Common Areas | The assistive listening device is not compliant or is not provided. Training Room 116 Provide 3 assistive listening devices per the table at the bottom. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. Receivers required for use with an assistive listening system shall include a 1/8" standard mono jack. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neck loops. Neck loops and headsets that can be worn as neck loops are compatible with hearing aids. Receivers that are not compatible include earbuds, which may require removal of hearing aids, earphones, and headsets that must be worn over the ear, which can create disruptive interference in the transmission and can be uncomfortable for people wearing hearing aids. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech. For 50 or less seating capacity, provide a minimum of 2 receivers, both of which shall be hearing-aid compatible. For 51 to 200 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum two receivers which shall be hearing-aid compatible. For 201 to 500 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 501 to 1000 seating capacity, provide a minimum of 20 receivers, plus 1 per 33 seats over 500 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 1001 to 2000 seating capacity, provide a minimum of 35 receivers, plus 1 per 50 seats over 1000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 2001 and over seating capacity, provide a minimum of 55 receivers, plus 1 per 100 seats over 2000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. | 2 | 3750 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201353 | Public Safety Building / INTERIOR | Common Areas | <p>The work surface height is not compliant. Knee and toe clearances are not provided.</p> <p>Training Room 116</p> <p>Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.</p> | 2 | 450 |
| 201197 | Public Safety Building / INTERIOR | Interior Access Route | <p>The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.</p> <p>Training Room Lobby 118</p> <p>Install accessible drinking fountain(s) with a 30" wide clear floor space. No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units.</p> <p>Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.]</p> <p>Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.</p> <p>Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground.</p> <p>Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 4 | 5439 |
| 201182 | Public Safety Building / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>Unisex Restroom 111</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | 55 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201183 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Unisex Restroom 111 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 65 |
| 201184 | Public Safety Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Unisex Restroom 111 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 200 |
| 201185 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Unisex Restroom 111 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 200 |
| 201186 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Unisex Restroom 111 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 201187 | Public Safety Building / INTERIOR | Restroom | The shelf is not located between 40" minimum and 48" maximum above finish floor. Unisex Restroom 111 Relocate a shelf to 40" minimum and 48" maximum above finish floor. | 3 | 180 |
| 201188 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Unisex Restroom 111 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | 313 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201189 | Public Safety Building / INTERIOR | Restroom | The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unisex Restroom 111 Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 630 |
| 201190 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom 111 Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 201191 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Unisex Restroom 111 Install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 201192 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom 111 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 201229 | Public Safety Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Vestibule 189 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201217 | Public Safety Building / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Waiting 129 Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 1804 |
| 201307 | Public Safety Building / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Waiting Room 230 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 201255 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Women's Lockers 163 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | 313 |
| 201256 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Lockers 163 Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 201215 | Public Safety Building / INTERIOR | Restroom | The force required to open the interior, hinged, non-fire door is more than 5 pounds. Women's Restroom 121 Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. | 3 | 366 |
| 201216 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 121 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 200 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201257 | Public Safety Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom 167, 168, 169, 171, 172, 173 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 201258 | Public Safety Building / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom 167, 168, 169, 171, 172, 173 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 130 |
| 201259 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 202826. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 600 |
| 201260 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 200 |
| 201261 | Public Safety Building / INTERIOR | Restroom | The wheelchair stall door is not self closing. Women's Restroom 167, 168, 169, 171, 172, 173 Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | 293 |

| PHASE TWO BARRIERS | | | | | |
|--------------------|-----------------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201262 | Public Safety Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 293 |
| 201263 | Public Safety Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom 167, 168, 169, 171, 172, 173 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 201264 | Public Safety Building / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Women's Restroom 167, 168, 169, 171, 172, 173 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | 313 |
| 201265 | Public Safety Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 201266 | Public Safety Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom 167, 168, 169, 171, 172, 173 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |

PHASE TWO BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|-----------------------------------|----------|--|----------|---------------|
| 201267 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 500 |
| 201269 | Public Safety Building / INTERIOR | Restroom | The locker area does not have a compliant bench. Women's Restroom 167, 168, 169, 171, 172, 173 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | 600 |
| 202826 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 201259. The cost of this barrier removal is covered under ID 201259 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 0 |
| 201301 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 258 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 200 |
| 201302 | Public Safety Building / INTERIOR | Restroom | The height of controls are not compliant. Women's Restroom 258 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 500 |
| 201284 | Public Safety Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom 285 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 200 |

| PHASE TWO BARRIERS | | | | | |
|------------------------|-----------------------------------|----------|---|----------|-------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201285 | Public Safety Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Women's Restroom 285 Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 630 |
| 201286 | Public Safety Building / INTERIOR | Restroom | The wheelchair stall door is not self closing. Women's Restroom 285 Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | 293 |
| 201193 | Public Safety Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Work Room 107 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 201194 | Public Safety Building / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Work Room 107 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 225 |
| PHASE TWO TOTAL | | | | | \$ 548,530 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202152 | Building 11 Decant Facility / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Office Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 202154 | Building 11 Decant Facility / INTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Office Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 366 |
| 204007 | Building 11 Decant Facility / INTERIOR | Interior Access Route | The push side of the accessible door does not have the required maneuvering clearances. Office Relocate the fixtures to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 250 |
| 202151 | Building 11 Decant Facility / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 2500 |
| 202147 | Building 11 Decant Facility / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Office Exterior Route Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 800 |
| 202156 | Building 11 Decant Facility / INTERIOR | Restroom | The lavatory faucet hardware is not compliant. Office Laundry Room Provide push/lever hardware for the faucet. Replace faucet operating hardware with compliant handles. Operable parts, such as faucet hardware, shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Hand-operated metering faucets shall remain open for 10 seconds minimum. Provide a minimum of one accessible sink with push/lever hardware. | 3 | 555 |
| 202157 | Building 11 Decant Facility / INTERIOR | Common Areas | The washing machine controls are not within reach range. Office Laundry Room Replace the washing machine with a unit that has controls within an obstructed high reach range. If three or fewer washers are present, at least one washer shall be compliant. If more than three are present, at least two washers shall be compliant. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | 800 |
| 202158 | Building 11 Decant Facility / INTERIOR | Interior Access Route | At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Office Laundry Room Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 115 |
| 202159 | Building 11 Decant Facility / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Office Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 200 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202161 | Building 11 Decant Facility / INTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Office Laundry Room Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 366 |
| 203073 | Building 11 Decant Facility / INTERIOR | Common Areas | The dryer controls are not within reach range. Office Laundry Room Replace the dryer with a unit that has controls within an obstructed high reach range. If three or fewer dryers are present, at least one dryer shall be compliant. If more than three are present, at least two dryers shall be compliant. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | 800 |
| 204006 | Building 11 Decant Facility / INTERIOR | Interior Access Route | The push side of the accessible door does not have the required maneuvering clearances. Office Laundry Room Relocate the shelving to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 250 |
| 202148 | Building 11 Decant Facility / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |
| 202149 | Building 11 Decant Facility / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 6300 |
| 202150 | Building 11 Decant Facility / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 5000 |
| 201059 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | A compliant accessible route is not provided from the property line to the site facilities. Access from public sidewalk to P1 Provide an accessible route from accessible parking spaces, passenger loading zones, public streets, public sidewalks, and public transportation stops. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks; and public transportation stops to the accessible building or facility entrance they serve. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 991 |
| 201050 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Access Route From P1 to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 3567 |
| 201082 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Administration Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 676 |
| 201084 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Administration Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201061 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Building 1 Main Entrance Door Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 202484 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Building 1 Main Entrance Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 366 |
| 202485 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Building 1 Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 201058 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Curb Ramp CR1 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | 1750 |
| 201089 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The clear width of the exterior accessible route is less than 44". East Elevation - Route Adjacent to Administration Exterior Door Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 554 |
| 201088 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The clear width of the exterior accessible route is less than 44". East Elevation - Route from RP1 to offices Exterior Doors Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 0 |
| 201104 | Building 1-Public Works MOC / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Employees Break-Room Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | 720 |
| 201105 | Building 1-Public Works MOC / INTERIOR | Common Areas | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Employees Break-Room Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 5439 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201139 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Employees Break-Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 203043 | Building 1-Public Works MOC / INTERIOR | Kitchen | The height of the counter is greater than 34". Employees Break-Room Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | 1986 |
| 201140 | Building 1-Public Works MOC | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Exterior Patio Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 201083 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Main Entrance Door Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility, | 1 | 120 |
| 201124 | Building 1-Public Works MOC / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 201125 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 201126 | Building 1-Public Works MOC / INTERIOR | Restroom | The side grab bar is not compliant in the wheelchair stall. Men's Restroom Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 355 |
| 201127 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 201128 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: The paper towel dispenser or dryer location is not compliant. Men's Restroom Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed]. | 3 | 200 |
| 201129 | Building 1-Public Works MOC / INTERIOR | Restroom | The wheelchair stall door is not self closing. Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | 293 |

| THREE BARRIERS | | | | | |
|----------------|--|---------------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201130 | Building 1-Public Works MOC / INTERIOR | Restroom | The urinal dimensions are not compliant. Men's Restroom Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges. | 3 | 935 |
| 201131 | Building 1-Public Works MOC / INTERIOR | Restroom | The lavatory does not have the required knee clearance. Men's Restroom Relocate the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 3 | 720 |
| 201132 | Building 1-Public Works MOC / INTERIOR | Restroom | The shelf is not located between 40" minimum and 48" maximum above finish floor. Men's Restroom Relocate a shelf to 40" minimum and 48" maximum above finish floor. | 3 | 200 |
| 201133 | Building 1-Public Works MOC / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 200 |
| 201134 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Men's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 5 | 7181 |
| 201135 | Building 1-Public Works MOC / INTERIOR | Restroom | The door has less than 32" clear width. Men's Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 5 | 1124 |
| 201136 | Building 1-Public Works MOC / INTERIOR | Restroom | The required clearance at the entry to the transfer stall is not provided. Men's Restroom Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided. | 5 | 3000 |
| 201137 | Building 1-Public Works MOC / INTERIOR | Locker and Dressing Rooms | The locker room does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | 789 |

| THREE BARRIERS | | | | | |
|----------------|--|----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202487 | Building 1-Public Works MOC / INTERIOR | Restroom | The locker area does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 5 | 500 |
| 201092 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. North Corridor Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 201093 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". North Corridor Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 676 |
| 201095 | Building 1-Public Works MOC / EXTERIOR | Site Furnishings | A trash receptacle is not located on an accessible route and within reach range. North Elevation Trash Receptacles Relocate the existing trash receptacle to either the edge of an accessible route or on the accessible route so that the receptacle opening is within reach range. Where a space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | 2000 |
| 201051 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 5000 |
| 201052 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking lot P1 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 280 |
| 201054 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |
| 201055 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Van accessible access aisle will be 96" wide with measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 5000 |
| 201057 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 6300 |
| 201066 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201094 | Building 1-Public Works MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |
| 201075 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the ramp are not compliant. Ramp RP1 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44". | 1 | 13240 |
| 201076 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp RP1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 6520 |
| 201090 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the ramp are not compliant. Ramp RP2 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44". | 1 | 13240 |
| 201091 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp RP2 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 7172 |
| 201100 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Reception Area Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 201098 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Reception/Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface. | 2 | 1804 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201142 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Shop Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 201148 | Building 1-Public Works MOC / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Shop Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | 720 |
| 201062 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Sidewalk between CR1 and CR2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 1189 |
| 201060 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Sidewalk Leading to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 2973 |
| 201144 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. South Elevation Shop Exterior Door Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |
| 201096 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". South Elevation-Shop Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 676 |
| 201097 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. South Elevation-Shop Exterior Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 201067 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | Steps do not have uniform and compliant riser heights and/or tread depths. Stairs ST1 Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum. | 1 | 918 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201068 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | Handrails are not compliant. Stairs ST1 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 1956 |
| 201069 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST2 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | 140 |
| 201070 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | Handrails are not compliant. Stairs ST2 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 1956 |
| 201071 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | Stairs have open risers. Stairs ST2 Replace with compliant stairs that have closed risers. Open risers are not permitted. | 1 | 3360 |
| 201072 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST3 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | 140 |
| 201073 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | Handrails are not compliant. Stairs ST3 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 1956 |
| 201074 | Building 1-Public Works MOC / EXTERIOR | Exterior Access Route | Stairs have open risers. Stairs ST3 Replace with compliant stairs that have closed risers. Open risers are not permitted. | 1 | 3360 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201141 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | Handrails are not compliant. Stairs ST4-Shop Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 5 | 1956 |
| 201145 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | Handrails are not compliant. Stairs ST5- Shop Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 5 | 4890 |
| 201146 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | Stairs have open risers. Stairs ST5- Shop Replace with compliant stairs that have closed risers. Open risers are not permitted. | 5 | 8400 |
| 201143 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Throughout building Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 2184 |
| 201108 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Throughout building Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 2 | 690 |
| 201099 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Throughout building Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 6446 |
| 201101 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | The work surface is not compliant. Throughout building Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 2 | 2061 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201102 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Throughout building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 1000 |
| 201103 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Throughout building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 460 |
| 201087 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Waste Water Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 201077 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Waste Water Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | 115 |
| 201078 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Waste Water Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 676 |
| 201079 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Water Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | 400 |
| 201086 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Water Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 201110 | Building 1-Public Works MOC / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Water Quality Lab Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | 720 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203044 | Building 1-Public Works MOC / INTERIOR | Kitchen | The height of the counter is greater than 34". Water Quality Lab Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | 1986 |
| 201111 | Building 1-Public Works MOC | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Water Quality Office Exterior Door Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |
| 201080 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Water Quality Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 676 |
| 201081 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Water Quality Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | 115 |
| 201085 | Building 1-Public Works MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Water Quality Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 201106 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Water Quality Room Relocate at least on coat hook to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 115 |
| 201107 | Building 1-Public Works MOC / INTERIOR | Employee Work Areas | The work surface is not compliant. Water Quality Room Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 2 | 14427 |
| 201109 | Building 1-Public Works MOC / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Water-waste Quality Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | 200 |
| 201112 | Building 1-Public Works MOC / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 65 |
| 201113 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |

| THREE BARRIERS | | | | | |
|----------------|--|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201114 | Building 1-Public Works MOC / INTERIOR | Restroom | The rear grab bar in the wheelchair stall is not compliant. Women's Restroom Remove and install a compliant rear grab bar in the wheelchair stall. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 355 |
| 201115 | Building 1-Public Works MOC / INTERIOR | Restroom | The side grab bar is not compliant in the wheelchair stall. Women's Restroom Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 355 |
| 201116 | Building 1-Public Works MOC / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Women's Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1368 |
| 201117 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 201118 | Building 1-Public Works MOC / INTERIOR | Restroom | WASHINGTON: The paper towel dispenser or dryer location is not compliant. Women's Restroom Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed]. | 3 | 200 |
| 201119 | Building 1-Public Works MOC / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 201120 | Building 1-Public Works MOC / INTERIOR | Restroom | The door has less than 32" clear width. Women's Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 3 | 1124 |

| THREE BARRIERS | | | | | |
|----------------|--|----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201121 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Women's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 5 | 7181 |
| 201122 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>A transfer seat is provided but is not compliant.</p> <p>Women's Restroom</p> <p>Provide a compliant folding or non-folding seat. The cost for this barrier removal is covered in Barrier ID 201121 and should be done in conjunction with Barrier ID 201121. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor.</p> | 5 | 0 |
| 201123 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The provided signage does not have raised or indented characters or pictograph symbols.</p> <p>Women's Restroom</p> <p>Remove and replace signage with compliant signage. The signage shall have the International Symbol of Accessibility for accessible restrooms, if not all restrooms are accessible. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case. Characters shall be uppercase. Style. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110% maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Install compliant signage with raised characters and Braille on the latch side of the door at compliant heights. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Signage shall include the International Symbol of Accessibility (ISA) where not all restrooms in the facility are accessible. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open position.</p> | 3 | 55 |
| 201138 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Women's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 3 | 200 |
| 202486 | Building 1-Public Works MOC / INTERIOR | Restroom | <p>The locker area does not have a compliant bench.</p> <p>Women's Restroom</p> <p>Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.</p> | 5 | 500 |
| 201667 | Building 3-Facilities Workgroup Modular / EXTERIOR | Entrance to Building | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>2nd Main Entrance Door</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | 1250 |

| THREE BARRIERS | | | | | |
|----------------|--|----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201691 | Building 3-Facilities Workgroup Modular / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Defibrillator Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 201688 | Building 3-Facilities Workgroup Modular / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Employees Break Room Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 201690 | Building 3-Facilities Workgroup Modular / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Employees Break Room Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 201689 | Building 3-Facilities Workgroup Modular / EXTERIOR | Picnic Area | A compliant picnic table is not provided. Employees Break Room Patio Provide a compliant picnic table that allows a clear space of 30" x 48" positioned for forward approach. The table must provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Wheelchair spaces shall adjoin accessible routes. Accessible routes and circulation paths shall not overlap wheelchair spaces. Provide a picnic table with a surface at minimum 26" and maximum 34" height. Clear space shall be maximum 2.08% in all directions and a firm and stable surface. | 4 | 1300 |
| 201666 | Building 3-Facilities Workgroup Modular / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. First Main Entrance Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 201679 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 201680 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 201681 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The side grab bar at the water closet is not compliant. Men's Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 355 |
| 201682 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The wheelchair stall door is not self closing. Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door. | 3 | 293 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201683 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 201684 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 65 |
| 201685 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 200 |
| 201686 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 200 |
| 201662 | Building 3-Facilities Workgroup Modular / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |
| 201661 | Building 3-Facilities Workgroup Modular / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp R-1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 6194 |
| 201665 | Building 3-Facilities Workgroup Modular / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Ramp R-1 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | 99 |
| 201663 | Building 3-Facilities Workgroup Modular / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair ST1 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | 105 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201664 | Building 3-Facilities Workgroup Modular / EXTERIOR | Exterior Access Route | Handrails are not compliant. Stairs ST1 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administering local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 1630 |
| 201668 | Building 3-Facilities Workgroup Modular / INTERIOR | Employee Work Areas | Clear space is not provided at the control or operating mechanism. Thermostat control Provide compliant clear floor space at each control and operating mechanism that allows a forward or a parallel approach. The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. For a forward approach, alcoves shall be 36" wide minimum where the depth exceeds 24". For a parallel approach, alcoves shall be 60" wide minimum where the depth exceeds 15". Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] | 1 | 0 |
| 201669 | Building 3-Facilities Workgroup Modular / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Thermostat control Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 500 |
| 201670 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 201671 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 201672 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Women's Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | 313 |
| 201673 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 200 |
| 201674 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 65 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201675 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"-9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 201676 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | WASHINGTON: The paper towel dispenser or dryer location is not compliant. Women's Restroom Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed]. | 3 | 200 |
| 201677 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Women's Restroom Relocate closet to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 200 |
| 201678 | Building 3-Facilities Workgroup Modular / INTERIOR | Restroom | The side grab bar at the water closet is not compliant. Women's Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 355 |
| 206467 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | Clear space is not provided at the operable part. Adjacent to Door D-1 Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance. | 3 | 215 |
| 206468 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | Clear space is not provided at the operable part. Adjacent to Door D-2 Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance. | 3 | 215 |
| 206035 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Door D-1 Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility, | 1 | 120 |
| 201642 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | The push side of the accessible door does not have the required maneuvering clearances. Door D-1 Redesign to provide the required maneuvering clearance at the push side of the door. This barrier must be removed in conjunction with barrier ID 206040. The cost of this barrier removal is covered under ID 206040 and therefore, the cost of this ID is shown as \$0. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 0" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 0 |
| 201643 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | The push side of the accessible door does not have the required maneuvering clearances. Door D-2 Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 0" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 206477 | Building 5 Central Stores Warehouse / EXTERIOR | Signage | Signage directing pedestrians to the nearest accessible building entrance on an accessible route is not present. Door D-2 Where not all entrances comply, compliant entrances shall be identified by the compliant International Symbol of Accessibility. Compliant directional signs that indicate the location of the nearest compliant entrance complying shall be provided at entrances that do not comply. | 4 | 280 |
| 201660 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Door D-3 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 206018 | Building 5 Central Stores Warehouse / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Door D-3 Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 206036 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | Elements located from 27" to 80" high protrude more than 4" into the accessible route. Near Stair ST-2 Objects with leading edges more than 27 inches and not more than 80 inches above the floor shall protrude 4 inches maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2 inches maximum.] overhang 4 inches maximum where more than 27 inches and not more than 80 inches above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches shall have the lowest edge of such object either 27 inches maximum or 80 inches minimum above the floor. [EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply.] Vertical clearance shall be 80 inches minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches. The leading edge of such rails or barrier shall be located 27 inches maximum above the floor. [EXCEPTION: Door closers and door stops shall be permitted to be 78 inches minimum above the floor.] Protruding objects shall not reduce the clear width required for accessible routes. | 2 | 728 |
| 201645 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Office Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 293 |
| 201646 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. On Route from Main Entrance to Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 201647 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | Elements located from 27" to 80" high protrude more than 4" into the accessible route. On Route from Main Entrance to Restroom Objects with leading edges more than 27 inches and not more than 80 inches above the floor shall protrude 4 inches maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2 inches maximum.] overhang 4 inches maximum where more than 27 inches and not more than 80 inches above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches shall have the lowest edge of such object either 27 inches maximum or 80 inches minimum above the floor. [EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply.] Vertical clearance shall be 80 inches minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches. The leading edge of such rails or barrier shall be located 27 inches maximum above the floor. [EXCEPTION: Door closers and door stops shall be permitted to be 78 inches minimum above the floor.] Protruding objects shall not reduce the clear width required for accessible routes. | 2 | 728 |
| 206020 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. On Route from Main Entrance to Restroom Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 250 |
| 201640 | Building 5 Central Stores Warehouse / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 11860 |
| 206040 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | The ramp is required but not provided. Ramp R-1 Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. This barrier must be removed in conjunction with barrier ID 201642. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces. | 1 | 11916 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 206041 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>Handrails are not provided where the ramp rises more than 6" or are not compliant.</p> <p>Ramp R-1</p> <p>Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 36" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | 3260 |
| 201648 | Building 5 Central Stores Warehouse / INTERIOR | Restroom | <p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>Restroom</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p> | 3 | 55 |
| 201657 | Building 5 Central Stores Warehouse / INTERIOR | Restroom | <p>The entire restroom is not compliant due to limited room dimensions.</p> <p>Restroom</p> <p>Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above</p> | 3 | 12000 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201658 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Stair ST-1</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, provide a second set of handrails with a minimum 9" between lower and higher rail, and the lower rail 28" max. from the walking surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | 6520 |
| 201659 | Building 5 Central Stores Warehouse / INTERIOR | Interior Access Route | <p>Handrails are not compliant.</p> <p>Stair ST-2</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, provide a second set of handrails with a minimum 9" between lower and higher rail, and the lower rail 28" max. from the walking surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | 6520 |
| 206469 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p> <p>Stairs ST-3</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> | 3 | 70 |
| 206470 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>Steps do not have uniform and compliant riser heights and/or tread depths.</p> <p>Stairs ST-3</p> <p>Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.</p> | 1 | 382 |
| 206471 | Building 5 Central Stores Warehouse / EXTERIOR | Exterior Access Route | <p>Handrails are not compliant or are not provided.</p> <p>Stairs ST-3</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p> | 1 | 1956 |
| 202194 | Building 8 Parks MOC / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>1st Floor Corridor</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 728 |

| THREE BARRIERS | | | | | |
|----------------|---------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202197 | Building 8 Parks MOC / INTERIOR | Common Areas | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. 1st Floor Corridor Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 4 | 5439 |
| 202200 | Building 8 Parks MOC / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. 2nd Floor Corridor Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 500 |
| 202215 | Building 8 Parks MOC / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Corridor Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 202217 | Building 8 Parks MOC / INTERIOR | Employee Work Areas | The work surface is not compliant. 2nd Floor Files Room Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 2 | 1030 |
| 202201 | Building 8 Parks MOC / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. 2nd Floor Office Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 500 |
| 202216 | Building 8 Parks MOC / INTERIOR | Employee Work Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 2nd Floor Service Counter Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 9624 |

| THREE BARRIERS | | | | | |
|----------------|---------------------------------|----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202203 | Building 8 Parks MOC / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 2nd Floor Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 202204 | Building 8 Parks MOC / INTERIOR | Restroom | The door has less than 32" clear width. 2nd Floor Unisex Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 3 | 1124 |
| 202205 | Building 8 Parks MOC / INTERIOR | Restroom | The entire restroom is not compliant due to limited room dimensions. 2nd Floor Unisex Restroom Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above | 3 | 12000 |
| 202202 | Building 8 Parks MOC / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. 2nd Floor Upper Office Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 500 |
| 202187 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. East Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 202188 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. East Main Entrance Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 366 |

| THREE BARRIERS | | | | | |
|----------------|---------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202199 | Building 8 Parks MOC / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Employees Break-room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 500 |
| 202196 | Building 8 Parks MOC / INTERIOR | Kitchen | The height of the counter is greater than 34". Employees Break-room Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 2 | 1986 |
| 203065 | Building 8 Parks MOC / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Employees Break-room Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 202220 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Employees Break-room Exterior Doors Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 2500 |
| 202221 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Employees Break-room Patio Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 832 |
| 202222 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Employees Break-room Patio Gate Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | 160 |
| 202223 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped. Employees Break-room Patio Gate The sidewalk should be removed (sections that are heaved, cracked etc) and repaired. Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Changes in level greater than 1/2" shall be ramped. | 1 | 99 |
| 202191 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Front (South) Sidewalk Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | 432 |
| 202224 | Building 8 Parks MOC / INTERIOR | Common Areas | The dryer controls are not within reach range. Laundry Closet Replace the dryer with a unit that has controls within an obstructed high reach range. If three or fewer dryers are present, at least one dryer shall be compliant. If more than three are present, at least two dryers shall be compliant. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | 0 |
| 202192 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Main Front Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 202193 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Main Front Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 1 | 366 |

| THREE BARRIERS | | | | | |
|----------------|---------------------------------|----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202189 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Main Front Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 202190 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Main Front Door Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility, | 1 | 120 |
| 202169 | Building 8 Parks MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 202170 | Building 8 Parks MOC / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 202171 | Building 8 Parks MOC / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 630 |
| 202172 | Building 8 Parks MOC / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 202173 | Building 8 Parks MOC / INTERIOR | Restroom | A transfer seat is provided but is not compliant. Men's Restroom Provide a compliant folding or non-folding seat. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor. | 3 | 604 |
| 202174 | Building 8 Parks MOC / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 200 |
| 202198 | Building 8 Parks MOC / EXTERIOR | Entrance to Building | The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. North Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | 366 |
| 202178 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | WASHINGTON: Compliant signage is not provided at the standard space. Parking Lot P1 Provide a mounted sign for an accessible standard car stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 280 |

| THREE BARRIERS | | | | | |
|----------------|---------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202179 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Lot P1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 6300 |
| 202180 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The slope of the parking space is greater than 1:50 (2%). Parking Lot P1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 6300 |
| 202181 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Lot P1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 5000 |
| 204992 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |
| 202182 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot P2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |
| 202183 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Lot P2 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 6300 |
| 202184 | Building 8 Parks MOC / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Lot P2 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 5000 |
| 202185 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST 1 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | 563 |
| 202186 | Building 8 Parks MOC / EXTERIOR | Exterior Access Route | Handrails are not compliant. Stairs ST 1 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administering local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 326 |

| THREE BARRIERS | | | | | |
|----------------|---------------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202162 | Building 8 Parks MOC / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 202163 | Building 8 Parks MOC / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"-9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 202164 | Building 8 Parks MOC / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4-12"; Ages 5 through 8-12" to 15"; Ages 9 through 12-15" to 18". Toilet Seat Height: Ages 3 and 4-11" to 12"; Ages 5 through 8-12" to 15"; Ages 9 through 12-15" to 17". Grab Bar Height: Ages 3 and 4-18" to 20"; Ages 5 through 8-20" to 25"; Ages 9 through 12-25" to 27"; Dispenser Height: Ages 3 and 4-14"; Ages 5 through 8-14" to 17"; Ages 9 through 12-17" to 19"]. | 3 | 630 |
| 202165 | Building 8 Parks MOC / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 202166 | Building 8 Parks MOC / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 65 |
| 202167 | Building 8 Parks MOC / INTERIOR | Restroom | A shower seat is not provided. Women's Restroom A shower seat is not required, unless the shower is located in transient lodging. Where a seat is provided in a standard roll-in shower compartment, it shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3" of the compartment entry. A folding seat shall be provided in roll-in type showers required in transient lodging guest rooms with mobility features. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor. The rear edge of a rectangular seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the adjacent wall. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. | 3 | 604 |
| 202168 | Building 8 Parks MOC / INTERIOR | Restroom | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Women's Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 728 |
| 202254 | King County Commuter Parking | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 202255. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 202255 | King County Commuter Parking | Exterior Access Route | WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Curb Ramp 1 (CR1) Remove the detectable warning with truncated domes, and install a compliant detectable warning. This barrier must be removed in conjunction with barrier ID 202254. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps]. | 1 | 640 |
| 202256 | King County Commuter Parking | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp 1 (CR1) Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | 224 |

| THREE BARRIERS | | | | | |
|----------------|------------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203000 | King County Commuter Parking | Accessible Parking | A standard accessible stall is not provided. Parking Lot Provide a standard accessible stall with an aisle at a location closest to an accessible facility entrance. This barrier must be removed in conjunction with barrier ID # 202246, 203001 & 203002. The cost to repair this barrier is included in the other barriers. The minimum width of a standard stall is 96". The width of an aisle serving a standard accessible stall shall be 60" minimum. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. | 1 | 1440 |
| 203001 | King County Commuter Parking | Accessible Parking | WASHINGTON: Compliant signage is not provided at the standard space. Parking Lot Provide a mounted sign for an accessible standard car stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID #202246, 203000 & 203002. The cost to repair this barrier is included in the other barriers. The ISA shall be white on a blue background. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 840 |
| 203002 | King County Commuter Parking | Accessible Parking | WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot Provide a compliant vertical car accessible access aisle sign indicating "No Parking". This barrier must be removed in conjunction with barrier ID #202246, 203000, & 203001. The cost to repair this barrier is included in the other barriers. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 560 |
| 202246 | King County Commuter Parking | Accessible Parking | The minimum number of accessible parking spaces is not provided. Parking Lot Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with barrier ID 203000, 203001, & 203002. The cost to repair this barrier is included in the other barriers. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility. Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2% of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars) | 1 | 0 |
| 202249 | King County Commuter Parking | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Lot - Access Aisle Serving Stalls P1 & P2 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 5000 |
| 202250 | King County Commuter Parking | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot - Access Aisle Serving Stalls P1 & P2 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 280 |
| 202253 | King County Commuter Parking | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Parking Lot - Southwest Coner Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 1189 |
| 202248 | King County Commuter Parking | Accessible Parking | The slope of the parking space is greater than 1:50 (2%). Parking Lot - Stall P1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 6300 |
| 202251 | King County Commuter Parking | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Lot - Stall P2 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 6300 |
| 202252 | King County Commuter Parking | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Parking Lot to Bus Stop - Southeast Corner Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 1200 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201169 | Municipal Campus Parking Garage / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201170. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 201170 | Municipal Campus Parking Garage / EXTERIOR | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201169. The cost of this barrier removal is covered under ID 201169 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | 0 |
| 201172 | Municipal Campus Parking Garage / EXTERIOR | Exterior Access Route | WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Curb Ramp 2 (CR2) & Curb Ramp 3 (CR3) Remove the detectable warning with truncated domes, and install a compliant detectable warning. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps]. | 1 | 1280 |
| 202237 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | The minimum number of accessible parking spaces is not provided. Parking Ramp Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 203056 & 202238. The cost to repair this barrier is included in the other barriers. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility. Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2% of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars) | 1 | 0 |
| 202238 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Ramp Provide 2 additional van accessible parking stalls. Stripe with a compliant accessible van stall and access aisle. This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 203056 & 202237. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 2800 |
| 202243 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | Accessible parking spaces are not at the nearest accessible entrance. Parking Ramp Relocate and/or provide additional accessible parking so it is located closest to the nearest entrance on an accessible route. This barrier must be removed in conjunction with barrier ID 203053, 203055, 203056, 202237 & 202238. The cost to repair this barrier is included in the other barriers. Parking spaces for disabled people and accessible passenger loading zones that serve a particular building shall be the spaces or zones located closest to the nearest accessible entrance on an accessible route. Compliant parking spaces that serve a particular building or facility shall be located on the shortest accessible route from parking to a compliant entrance. Where parking serves more than one accessible entrance, compliant parking spaces shall be dispersed and located on the shortest accessible route to the accessible entrances. In parking facilities that do not serve a particular building or facility, compliant parking spaces shall be located on the shortest accessible route to an accessible pedestrian entrance of the parking facility. [EXCEPTIONS: 1. All van parking spaces shall be permitted to be grouped on one level within a multi-story parking facility. 2. Parking spaces shall be permitted to be located in different parking facilities if substantially equivalent or greater accessibility is provided in terms of distance from an accessible entrance or entrances, parking fee, and user convenience.] | 1 | 0 |
| 203053 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | A standard accessible stall is not provided. Parking Ramp Provide a standard accessible stall with an aisle at a location closest to an accessible facility entrance. This barrier must be removed in conjunction with barrier ID 202243, 203055, 203056, 202237 & 202238. The minimum width of a standard stall is 96". The width of an aisle serving a standard accessible stall shall be 60" minimum. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. | 1 | 1440 |
| 203055 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | WASHINGTON: Compliant signage is not provided at the standard space. Parking Ramp Provide a mounted sign for an accessible standard car stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID 202243, 203053, 203056, 202237 & 202238. The ISA shall be white on a blue background. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 840 |
| 203056 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not provided. Parking Ramp Provide a compliant vertical car accessible access aisle sign indicating "No Parking". This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 202237 & 202238. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 560 |
| 202239 | Municipal Campus Parking Garage / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not provided. Parking Ramp Level 2 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 560 |

| THREE BARRIERS | | | | | |
|----------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202241 | Municipal Campus Parking Garage / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Southeast Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 202231 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Southeast Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 2282 |
| 202232 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southeast Stair Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 1456 |
| 202229 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | The height of the interior accessible route is less than 80" AFF. Southwest & Southeast Stair Ensure minimum vertical clearance of 80" is provided, unless a barrier or guardrail is installed to warn blind or visually impaired persons. The leading edge of such a barrier or guardrail shall be located 27" maximum above finish floor. | 1 | 1456 |
| 202244 | Municipal Campus Parking Garage / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Southwest Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. This barrier must be removed in conjunction with barrier ID 202236 & 202245. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 202245 | Municipal Campus Parking Garage / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Southwest Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 202236 & 202244. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |
| 202236 | Municipal Campus Parking Garage / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Southwest Entrance Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 202245 & 202244. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |
| 202228 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Southwest Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 2119 |
| 202230 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southwest Stair Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | 2184 |

| THREE BARRIERS | | | | | |
|--------------------------|--|-----------------------|---|----------|-------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202235 | Municipal Campus Parking Garage / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Southwest Stair - Level 1 Elevator & Stair Lobby</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 728 |
| 202233 | Municipal Campus Parking Garage / EXTERIOR | Exterior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route.</p> <p>Southwest Stair- Level 4 Elevator & Stair Access</p> <p>Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.]</p> | 1 | 728 |
| PHASE THREE TOTAL | | | | | \$ 415,829 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204143 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The platform lift is not compliant. 1st & 2nd Floor Offices East of Apparatus Bay Install a compliant platform lift. Provide a platform lift which does not require keyed operation. Platform lifts shall not be attendant-operated. Platform lifts shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible. | 5 | 22525 |
| 204137 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | 400 |
| 204138 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19". | 5 | 1260 |
| 204139 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | 710 |
| 204140 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The water closet in a wheelchair stall in a multi-stall restroom does not have the required clearance. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Relocate the dispenser to provide the required clearance at the water closet. This barrier must be removed in conjunction with barrier ID 204141 & 204142. The cost of this barrier removal is covered under ID 204142 and therefore, the cost of this ID is shown as \$0. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required water closet clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. The wheelchair stall size for a floor mounted water closet shall be minimum 60" wide and minimum 59" deep. The wheelchair stall size for a wall-hung water closet shall be minimum 60" wide and minimum 56" deep. The wheelchair stall in multi-stall restrooms primarily for children's use ages 3 to 12 shall be minimum 60" wide and minimum 59" deep for both wall-hung and floor mounted water closets. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19". | 5 | 0 |
| 204141 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The height of controls are not compliant. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204140 & 204142. The cost of this barrier removal is covered under ID 204142 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 0 |
| 204142 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204141 & 204140. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 400 |
| 204083 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Admin Area Relocate object or install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | 728 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204074 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Admin Area Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 5439 |
| 204075 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Admin Area Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | 728 |
| 204131 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Maneuvering clearance at the door is not level and clear. Apparatus Bay from Firefighters Office Area Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 in any direction. This barrier must be removed in conjunction with barrier ID 204132. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | 1250 |
| 204132 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Firefighters Office Area Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204131. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | 1250 |
| 204133 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Apparatus Bay from Firefighters Office Area Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 5 | 2600 |
| 204134 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Maneuvering clearance at the door is not level and clear. Apparatus Bay from Media Room Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 in any direction. This barrier must be removed in conjunction with barrier ID 204135. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | 1250 |
| 204135 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Media Room Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204134. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | 1250 |
| 204130 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The rear of the stairs is open. Apparatus Bay Stairs Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground. | 1 | 1456 |
| 204136 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Steps do not have uniform and compliant riser heights and/or tread depths. Apparatus Bay to 2nd Floor Offices All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum. | 5 | 4896 |
| 204069 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Break Room (Admin Area) Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | 55 |
| 204070 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Break Room (Admin Area) Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | 500 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204071 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Break Room (Admin Area) Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 200 |
| 204072 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Break Room (Admin Area) Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | 720 |
| 204073 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Break Room (Admin Area) Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 225 |
| 204086 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Conference Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 2000 |
| 204089 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Conference Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | 1456 |
| 204149 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | A compliant parallel curb ramp is not provided. Curb Ramp 1 (CR1) Replace the standard curb ramp with a parallel curb ramp. This barrier must be removed in conjunction with barrier ID 204150. The bottom landing clear width at the bottom of the curb ramp runs shall be 60" minimum to allow for a 90 degree turn. The top landings shall be minimum 36" deep in the direction of travel. The slope of the landings, where the landing connects to a sidewalk aligned perpendicular or angled to the curb ramp run requiring a wheelchair turn, shall be maximum 1:48 (2.08%). The slope of the landing shall be maximum 1:48 (2.08%). The curb ramp should be removed and replaced with a compliant ramp with no greater than the maximum allowable slopes of a ramp. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 (8.33%) maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. In facilities built before 1/26/92, the running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] | 1 | 1750 |
| 204150 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp 1 (CR1) Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. This barrier must be removed in conjunction with barrier ID 204149. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | 179 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204224 | Fire Station 11 and Old Medic One Building / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. An electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headset jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 5 | 2000 |
| 204117 | Fire Station 11 and Old Medic One Building / INTERIOR | Transient Lodging | The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room. | 5 | 12000 |
| 204145 | Fire Station 11 and Old Medic One Building / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. East Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | 1250 |
| 204055 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | 385 |
| 204122 | Fire Station 11 and Old Medic One Building / INTERIOR | Employee Work Areas | The accessible door does not have the required PULL SIDE maneuvering clearances. Firefighters Office Redesign to provide the required maneuvering clearance at the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | 1250 |
| 204093 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 400 |
| 204094 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | The combination refrigerator/freezer does not have at least 50% of the freezer space 54" maximum above the finish floor or ground. Kitchen Replace the combination refrigerator/freezer with a model that has at least 50% of the freezer space 54" maximum above the finish floor or ground. | 5 | 1000 |
| 204095 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | 720 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204097 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 5 | 240 |
| 204098 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | Items requiring a reach motion are not within compliant reach ranges. Kitchen Ensure at least one of each type of dispenser is within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 200 |
| 204099 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204098. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 450 |
| 204118 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 225 |
| 204119 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 200 |
| 204101 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Media Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | 500 |
| 204146 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 35" above finish floor to the bottom of the reflective surface, where it is not installed above a lavatory or counter. Men's & Women's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | 400 |
| 204076 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Men's Restroom (Admin Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 200 |
| 204077 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom (Admin Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 200 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204078 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | 200 |
| 204079 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom (Admin Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 115 |
| 204080 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom (Admin Area) Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | 355 |
| 204081 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's Restroom (Admin Area) Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".] | 5 | 630 |
| 204082 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The rear grab bar at the water closet is not compliant. Men's Restroom (Admin Area) Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".] | 5 | 355 |
| 204102 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The force required to open the interior, hinged, non-fire door is more than 5 pounds. Men's Restroom (Dorm Area) Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. | 5 | 366 |
| 204103 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom (Dorm Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 115 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|----------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204104 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The lavatory does not have the required knee clearance.</p> <p>Men's Restroom (Dorm Area)</p> <p>Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p> <p>Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".</p> | 5 | 720 |
| 204105 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Men's Restroom (Dorm Area)</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p> | 5 | 200 |
| 204106 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The height of controls are not compliant.</p> <p>Men's Restroom (Dorm Area)</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204107. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> <p>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | 200 |
| 204107 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>Controls on dispensers are not compliant.</p> <p>Men's Restroom (Dorm Area)</p> <p>Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204106. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 5 | 200 |
| 204108 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.</p> <p>Men's Restroom (Dorm Area)</p> <p>Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 5 | 630 |
| 204109 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The grab bars at the water closet are not compliant.</p> <p>Men's Restroom (Dorm Area)</p> <p>Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 5 | 710 |

| PHASE FOUR BARRIERS | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204110 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom (Dorm Area) Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | 355 |
| 204111 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Men's Restroom (Dorm Area) Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 5 | 293 |
| 204112 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's Restroom (Dorm Area) Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 5 | 293 |
| 204113 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom (Dorm Area) Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] | 5 | 1100 |
| 204114 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom (Dorm Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 115 |
| 204115 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Men's Restroom (Dorm Area) Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 5 | 200 |
| 204116 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Men's Restroom (Dorm Area) Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 5 | 7181 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204129 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom (Dorm Area) Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 5 | 55 |
| 204151 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. North & West Entrance Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | 1000 |
| 204092 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. North Corridor Install cane detectors or relocate/raise the light fixtures. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | 10192 |
| 204152 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the ramp are not compliant. North Entrance Walkway The ramp should be removed and replaced with a compliant ramp. This barrier must be removed in conjunction with barrier ID 204226. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44". | 1 | 7944 |
| 204226 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. North Entrance Walkway Provide compliant handrails on both sides of the ramp. This barrier must be removed in conjunction with barrier ID 204152. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 4564 |
| 204228 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Old Medic One Building Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. This barrier must be removed in conjunction with barrier ID 204156. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 8802 |

| PHASE FOUR BARRIERS | | | | | |
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| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204156 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | <p>The ramp is required but not provided. Old Medic One Building Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. This barrier must be removed in conjunction with barrier ID 204228. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 44" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.</p> | 5 | 16550 |
| 204157 | Fire Station 11 and Old Medic One Building / EXTERIOR | Entrance to Building | <p>The pull side of the accessible door does not have the required maneuvering clearances. Old Medic One Building Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 5 | 1250 |
| 204158 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | <p>The kitchen sink does not have knee and toe clearance. Old Medic One Building Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.</p> | 5 | 720 |
| 204159 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | <p>The location of the controls requires reaching across burners. Old Medic One Building Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.</p> | 5 | 759 |
| 204160 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | <p>Controls and/or dispensers are not within an allowable reach range. Old Medic One Building Provide redundant controls and an additional microwave so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | 1598 |
| 204161 | Fire Station 11 and Old Medic One Building / INTERIOR | Kitchen | <p>Controls and/or dispensers are not within an allowable reach range. Old Medic One Building Relocate the dispenser so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | 50 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204163 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Old Medic One Building Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 5 | 55 |
| 204164 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The entire restroom is not compliant due to limited room dimensions. Old Medic One Building Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 25" maximum when not above | 5 | 12000 |
| 204165 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The door has less than 32" clear width. Old Medic One Building Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 5 | 1124 |
| 204166 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Old Medic One Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 500 |
| 204167 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Old Medic One Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | 330 |
| 204168 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Old Medic One Building Relocate with the leading edge below 27" or install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | 728 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204169 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | A platform lift is required but not provided. Old Medic One Building Install a platform lift. Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible. | 5 | 22525 |
| 204148 | Fire Station 11 and Old Medic One Building / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisle Serving Stalls P1 & P2 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | 280 |
| 204144 | Fire Station 11 and Old Medic One Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | 1400 |
| 204170 | Fire Station 11 and Old Medic One Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | 1400 |
| 204056 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Public Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 204057 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Public Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | 200 |
| 204058 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The height of controls are not compliant. Public Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 200 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204059 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Public Unisex Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 200 |
| 204060 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Public Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 204061 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Public Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 204062 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Public Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 204087 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 204088. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 3000 |
| 204088 | Fire Station 11 and Old Medic One Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204087. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 1200 |
| 204085 | Fire Station 11 and Old Medic One Building / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Throughout Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | 1540 |
| 204153 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Walkway to Memorial Plaza Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 2497 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204154 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. West Entrance Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 3171 |
| 204155 | Fire Station 11 and Old Medic One Building / EXTERIOR | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. West Entrance Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] This barrier must be removed in conjunction with barrier ID 204154. An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 178 |
| 204063 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom (Admin Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 115 |
| 204064 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Pipes are not insulated. Women's Restroom (Admin Area) Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 5 | 65 |
| 204065 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Women's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | 200 |
| 204066 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | The height of controls are not compliant. Women's Restroom (Admin Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 200 |
| 204067 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom (Admin Area) Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | 355 |
| 204068 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom (Admin Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 200 |
| 204123 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Women's Restroom (Dorm Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 200 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|---|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204124 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bars and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 5 | 7181 |
| 204125 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The hardware at the wheelchair stall door is not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p> | 5 | 293 |
| 204126 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The wheelchair stall door is not self closing.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p> | 5 | 293 |
| 204127 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>The grab bars at the water closet are not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 5 | 710 |
| 204128 | Fire Station 11 and Old Medic One Building / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>Women's Restroom (Dorm Area)</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 5 | 355 |
| 202303 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | <p>Stairs have open risers.</p> <p>Apparatus Bay - Southeast Stair</p> <p>Replace with compliant stairs that have closed risers. Open risers are not permitted.</p> | 1 | 26040 |
| 202301 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Apparatus Bay - Southwest 2nd Floor Storage Area</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 728 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202302 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Apparatus Bay - Southwest Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 326 |
| 202299 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Objects along the interior accessible route suspend from the ceilings lower than 80" AFF. Apparatus Bay - Southwest Stair Ensure minimum 80" head room is provided, unless a barrier or guardrail is installed to warn blind or visually impaired persons. The leading edge of such a barrier or guardrail shall be located 27" maximum above finish floor. | 1 | 728 |
| 202300 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Stairs have open risers. Apparatus Bay - Southwest Stair Replace with compliant stairs that have closed risers. Open risers are not permitted. | 1 | 15120 |
| 202278 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Fire Station - Laundry Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | 2400 |
| 202279 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | The height of the shelving is not within reach range. Fire Station - Laundry Install shelving within at least one of the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 844 |
| 202280 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Fire Station - Laundry Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | 720 |
| 202293 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Fire Station - Patio Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 1079 |
| 202294 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than 1/2" in height. Fire Station - Patio Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | 179 |
| 202261 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Fire Station - Public Entrance Walkway Re-seal the construction joints in order to maintain a smooth accessible pedestrian route. Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | 2576 |
| 202260 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | The pull side of the accessible door does not have the required maneuvering clearances. Fire Station - South Employee Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | 1250 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202290 | Fire Station 16 and Shop Building / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Fire Station- Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 3 | 2000 |
| 202291 | Fire Station 16 and Shop Building / INTERIOR | Transient Lodging | The required number of guest rooms with mobility features is not provided. Fire Station- Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room. | 3 | 1400 |
| 202295 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Fire Station- Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 4 | 480 |
| 202296 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | The height of controls throughout the common area are not compliant. Fire Station- Kitchen Provide redundant controls within a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 1000 |
| 202297 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | Less than 5% or at least one of each type of sink is not accessible. Fire Station- Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | 720 |
| 202298 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | The combination refrigerator/freezer does not have at least 50% of the freezer space 54" maximum above the finish floor or ground. Fire Station- Kitchen Replace the combination refrigerator/freezer with a model that has at least 50% of the freezer space 54" maximum above the finish floor or ground. | 4 | 1000 |
| 202284 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Fire Station- Men's Restroom/Shower Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |
| 202289 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Fire Station- Men's Restroom/Shower Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 3 | 200 |
| 202281 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Pipes are not insulated. Fire Station- Men's Restroom/Shower Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | 130 |
| 202282 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 400 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202283 | Fire Station 16 and Shop Building / INTERIOR | Restroom | A wheelchair stall is not provided in a multi-user restroom. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. | 3 | 5500 |
| 202285 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 3 | 400 |
| 202286 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | 600 |
| 202287 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 3 | 14362 |
| 202288 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 230 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202263 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Fire Station- Public Entrance Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. This barrier must be removed in conjunction with barrier ID 202264. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.] | 1 | 728 |
| 202264 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | Operable parts or items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Fire Station- Public Entrance Remove and lower to a compliant reach range. This barrier must be removed in conjunction with barrier ID 202263. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" (380 mm) minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 350 |
| 202265 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Fire Station- Public Entrance Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 2 | 2600 |
| 202269 | Fire Station 16 and Shop Building / INTERIOR | Restroom | Controls on dispensers are not compliant. Fire Station- Public Unisex Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | 200 |
| 202270 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Fire Station- Public Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 202271 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Fire Station- Public Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 202272 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Fire Station- Public Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 202273 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Fire Station- Public Unisex Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 630 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202274 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Fire Station- Public Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 1368 |
| 202277 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Fire Station- Reception Area Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | 55 |
| 202266 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Fire Station- Reception Area Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | 1804 |
| 202267 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Fire Station- Reception Area Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 500 |
| 202268 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Fire Station- Throughout Building Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 2 | 13000 |
| 202275 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Fire Station- Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | 7500 |
| 202276 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Fire Station- Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 2700 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202292 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Fire Station- Women's Restroom/Shower Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 293 |
| 202327 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Gate 1 (G1) Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | 160 |
| 202317 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Maintenance Facility - Kitchenette Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. | 2 | 720 |
| 202318 | Fire Station 16 and Shop Building / INTERIOR | Kitchen | The height of controls throughout the common area are not compliant. Maintenance Facility - Kitchenette Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | 173 |
| 202319 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Maintenance Facility - Kitchenette Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | 300 |
| 202320 | Fire Station 16 and Shop Building / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Maintenance Facility - Kitchenette Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | 450 |
| 202322 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Maintenance Facility - Kitchenette & Office Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 2 | 5200 |
| 202306 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Maintenance Facility - Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | 55 |
| 202307 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Maintenance Facility - Men's Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | 586 |
| 202308 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The height of controls are not compliant. Maintenance Facility - Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 200 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202309 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Maintenance Facility - Men's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | 293 |
| 202310 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Maintenance Facility - Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | 293 |
| 202311 | Fire Station 16 and Shop Building / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Maintenance Facility - Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | 355 |
| 202312 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Maintenance Facility - Men's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | 710 |
| 202313 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The locker area does not have accessible lockers. Maintenance Facility - Men's Restroom Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 330 |
| 202314 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The locker area does not have a compliant bench. Maintenance Facility - Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | 500 |
| 202315 | Fire Station 16 and Shop Building / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Maintenance Facility - Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | 115 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202316 | Fire Station 16 and Shop Building / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Maintenance Facility - Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bars and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 3 | 7181 |
| 202329 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | <p>The maneuvering clearance at the accessible door is not level and clear.</p> <p>Maintenance Facility - Northeast Entrance</p> <p>Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | 1250 |
| 202330 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | <p>The maneuvering clearance at the accessible door is not level and clear.</p> <p>Maintenance Facility - Northwest Entrance</p> <p>Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | 1250 |
| 202325 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | <p>The maneuvering clearance at the accessible door is not level and clear.</p> <p>Maintenance Facility - Southeast Entrance</p> <p>Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | 1250 |
| 202323 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Maintenance Facility - Southeast Entrance</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | 1250 |
| 202324 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Maintenance Facility - Southeast Entrance</p> <p>Install cane detectors and relocate the cabinet to a location outside the required maneuvering clearance of the door. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | 728 |
| 202326 | Fire Station 16 and Shop Building / EXTERIOR | Entrance to Building | <p>The maneuvering clearance at the accessible door is not level and clear.</p> <p>Maintenance Facility - Southwest Entrance</p> <p>Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | 1250 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 202305 | Fire Station 16 and Shop Building / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Maintenance Facility - Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 326 |
| 202258 | Fire Station 16 and Shop Building / EXTERIOR | Accessible Parking | WASHINGTON: A compliant van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | 1400 |
| 202304 | Fire Station 16 and Shop Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | 1400 |
| 202479 | Fire Station 16 and Shop Building / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | 1400 |
| 202262 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp 1 (R1) Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | 7172 |
| 202259 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 1 (ST1) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | 70 |
| 202328 | Fire Station 16 and Shop Building / EXTERIOR | Exterior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 2 (ST2) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | 281 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 201166 | Police Garage North | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201167 & 201168. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 201167 | Police Garage North | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201166 & 201168. The cost of this barrier removal is covered under ID 201166 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | 0 |
| 201168 | Police Garage North | Exterior Access Route | The curb ramp landing is not level. The slope of the curb ramp landing exceeds the maximum allowable 1:48 (2.08%). Curb Ramp 1 (CR1) Provide a level landing at the top of the curb ramp with maximum slope 1:48 (2.08%). This barrier must be removed in conjunction with barrier ID 201166 & 201167. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] The landing slope may have maximum 1:20 (5%) running slope, if the sidewalk is parallel/continuous with the running slope of the curb ramp, and a sidewalk with the dominant path of travel perpendicular to the dominant path of travel of the curb ramp is not provided. | 1 | 1289 |
| 201330 | Police Garage North | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201331. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | 1750 |
| 201331 | Police Garage North | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201330. The cost of this barrier removal is covered under ID 201330 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | 0 |
| 202226 | Police Garage South | Exterior Access Route | WASHINGTON: The slopes of the exterior accessible route are not compliant. Access Route to Building Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 1189 |
| 203414 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Common Areas | The height of the washing machine and dryer are greater than 36" to the top of the units. Garage Replace the washing machine and dryer with units of maximum height 36". This barrier must be removed in conjunction with ID 203763. The cost for this barrier removal is covered by ID 203763, therefore the cost is shown as \$0. Top loading machines shall have the door to the laundry compartment located 36" maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15" minimum and 36" maximum above the finish floor. | 5 | 0 |
| 203415 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. Garage Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 400 |
| 203416 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Garage Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | 200 |
| 203763 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Common Areas | The washing machine and dryer controls are not within reach range. Garage Replace the washing machine and dryer with units that have controls within an obstructed high reach range. This barrier must be removed in conjunction with ID 203414. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | 1600 |
| 203422 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners. | 5 | 759 |

| PHASE FOUR BARRIERS | | | | | |
|---------------------|--|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203423 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | <p>Less than minimum one of each type of operable part is within reach range.</p> <p>Kitchen</p> <p>Install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> <p>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | 400 |
| 203424 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | <p>The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space.</p> <p>Kitchen</p> <p>Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 5 | 1688 |
| 203425 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | <p>The oven does not have an adjacent work surface which is a minimum height of 28" and maximum height of 34", or an adjustable work surface ranging from minimum 29" to 36" maximum.</p> <p>Kitchen</p> <p>Remove and install a kitchen work surface adjacent to the oven that is maximum 34" height or an adjustable work surface which can be adjusted from minimum 29" to maximum 36". The work surface shall be positioned adjacent to the latch side of a side-hinged oven door, or adjacent to one side of a bottom-hinged oven door. Modify or replace counter to provide a minimum 30" wide section with maximum height 34" with knee and toe clearance adjacent to the oven. The work surface shall also have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p> | 5 | 2382 |
| 203426 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | <p>Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor.</p> <p>Kitchen</p> <p>Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | 900 |
| 203428 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Kitchen | <p>The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).</p> <p>Kitchen</p> <p>Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.</p> | 5 | 720 |
| 203429 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | <p>The height of controls throughout the common area are not compliant.</p> <p>Kitchen</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> | 5 | 400 |
| 203439 | Medic 23 Quarters at Evergreen Hospital / EXTERIOR | Entrance to Building | <p>The maneuvering clearance at the accessible door is not level and clear.</p> <p>Medic Station Entrance</p> <p>Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | 1250 |
| 203419 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Interior Access Route | <p>Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor.</p> <p>Rec Room</p> <p>Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.]</p> <p>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | 300 |

| PHASE FOUR BARRIERS | | | | | |
|-------------------------|--|-----------------------|---|-----------|----------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203437 | Medic 23 Quarters at Evergreen Hospital / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Route to Garage Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. The minimum clear width of a curb ramp run shall be 44". Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | 1750 |
| 203438 | Medic 23 Quarters at Evergreen Hospital / EXTERIOR | Exterior Access Route | The accessible route has cross slopes greater than 1:50 (2%). Route to Medic Station Entrance The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | 317 |
| 203430 | Medic 23 Quarters at Evergreen Hospital / INTERIOR | Restroom | The entire restroom is not compliant due to limited room dimensions. Water Closet and Shower Room Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 25" maximum when not above | 5 | 24000 |
| PHASE FOUR TOTAL | | | | \$ | 399,482 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204208 | Fire Station 12 / INTERIOR | Interior Access Route | The rear of the stairs is open. Apparatus Bay Stair Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground. | 1 | \$ 728 |
| 204175 | Fire Station 12 / INTERIOR | Transient Lodging | The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room. | 5 | \$ 12,000 |
| 204231 | Fire Station 12 / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 5 | \$ 2,000 |
| 204172 | Fire Station 12 / INTERIOR | Interior Access Route | Means of egress signage is not provided. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55% minimum and 110% maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 3 | \$ 110 |
| 204186 | Fire Station 12 / INTERIOR | Interior Access Route | The threshold at the accessible door is greater than ½" in height. Fitness Room Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 5 | \$ 179 |
| 204209 | Fire Station 12 / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 5 | \$ 720 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204210 | Fire Station 12 / INTERIOR | Kitchen | The height of controls throughout the common area are not compliant. Kitchen Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 204211. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 1,000 |
| 204211 | Fire Station 12 / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204210. The cost of this barrier removal is covered under ID 204210 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ - |
| 204212 | Fire Station 12 / INTERIOR | Kitchen | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 5 | \$ 240 |
| 204213 | Fire Station 12 / INTERIOR | Kitchen | Less than minimum one of each type of operable part is within reach range. Kitchen Provide redundant controls or install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 1,200 |
| 204196 | Fire Station 12 / INTERIOR | Common Areas | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Laundry Room Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 5 | \$ 1,600 |
| 204197 | Fire Station 12 / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Laundry Room & Unisex Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 5 | \$ 586 |
| 204177 | Fire Station 12 / INTERIOR | Restroom | The provided signage is not mounted at the latch side of the door. Men's Restroom Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | \$ 55 |
| 204178 | Fire Station 12 / INTERIOR | Restroom | The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | \$ 720 |
| 204179 | Fire Station 12 / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 5 | \$ 200 |

PHASE FIVE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|----------|---|----------|---------------|
| 204180 | Fire Station 12 / INTERIOR | Restroom | <p>The height of controls are not compliant. Men's Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204181. The cost of this barrier removal is covered under ID 204181 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | \$ - |
| 204181 | Fire Station 12 / INTERIOR | Restroom | <p>Controls on dispensers are not compliant. Men's Restroom</p> <p>Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204180. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 5 | \$ 200 |
| 204182 | Fire Station 12 / INTERIOR | Restroom | <p>A wheelchair stall is not provided in a multi-user restroom. Men's Restroom</p> <p>Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.</p> | 5 | \$ 2,750 |

PHASE FIVE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|--|----------|---------------|
| 204183 | Fire Station 12 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 5 | \$ 7,181 |
| 204184 | Fire Station 12 / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 5 | \$ 115 |
| 204185 | Fire Station 12 / INTERIOR | Restroom | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Men's Restroom</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 5 | \$ 1,250 |
| 204219 | Fire Station 12 / EXTERIOR | Exterior Access Route | <p>A compliant accessible route is not provided from accessible parking to the public facility entrance.</p> <p>Parking Lot 1</p> <p>Remove curb blocks to allow for an accessible route with no more than 1:50 (2%) cross or 1:20 (5%) running slopes. An accessible route with a running slope greater than 1:20 is a ramp. [EXCEPTION: Cross slopes not greater than 1:48 are permitted]. The minimum clear width of an accessible route is 36". At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. [EXCEPTION: An accessible route shall not be required between accessible buildings, accessible facilities, accessible elements, and accessible spaces if the only means of access between them is a vehicular way not providing pedestrian access.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 44 |
| 204216 | Fire Station 12 / EXTERIOR | Accessible Parking | <p>WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant.</p> <p>Parking Lot 1 - Stall P1</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 11,300 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
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| 204214 | Fire Station 12 / EXTERIOR | Accessible Parking | WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |
| 204215 | Fire Station 12 / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Reception Vestibule Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 204173 | Fire Station 12 / INTERIOR | Interior Access Route | The bottom of the door vision light is higher than 43" and less than 66". Throughout Building Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.] | 5 | \$ 13,000 |
| 204174 | Fire Station 12 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Throughout Building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 2,500 |
| 204176 | Fire Station 12 / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Throughout Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 5 | \$ 440 |
| 204187 | Fire Station 12 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 675 |
| 204198 | Fire Station 12 / INTERIOR | Restroom | The door has less than 32" clear width. Unisex Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 5 | \$ 1,124 |
| 204199 | Fire Station 12 / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204200. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 204200 | Fire Station 12 / INTERIOR | Restroom | Clear widths are not 36" minimum (including protruding objects). Smaller widths of 32" min. to 36" a max. length of 24" and not separated by segments a min. of 48" long and 36" wide min. Unisex Restroom Ensure clear widths of 36" minimum. This barrier must be removed in conjunction with barrier ID 204199. Ensure smaller widths of minimum 32" to 36" are maximum length of 24" separated by segments minimum 48" long and minimum 36" wide. | 5 | \$ 1,000 |
| 204201 | Fire Station 12 / INTERIOR | Restroom | Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 5 | \$ 65 |

PHASE FIVE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|----------|---|----------|---------------|
| 204202 | Fire Station 12 / INTERIOR | Restroom | The height of controls are not compliant. Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204203. The cost of this barrier removal is covered under ID 204203 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ - |
| 204203 | Fire Station 12 / INTERIOR | Restroom | Controls on dispensers are not compliant. Unisex Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204202. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 5 | \$ 200 |
| 204204 | Fire Station 12 / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 5 | \$ 1,368 |
| 204205 | Fire Station 12 / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Unisex Restroom Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 5 | \$ 200 |
| 204206 | Fire Station 12 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 115 |

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|---------------------|----------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204207 | Fire Station 12 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Unisex Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 5 | \$ 7,181 |
| 204944 | Fire Station 12 / INTERIOR | Restroom | <p>The centerline of the toilet in the ambulatory stall is not 17" minimum to 19" maximum from the sidewall.</p> <p>Unisex Restroom</p> <p>Provide a water closet with centerline 17" minimum to 19" maximum from the side wall or partition in the ambulatory stall. The water closet shall be positioned with a wall or partition to the rear and to one side. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p> | 3 | \$ 630 |
| 204232 | Fire Station 12 / INTERIOR | Restroom | <p>The flush control is located on the closed side and/or is not within reach range.</p> <p>Women's Restroom</p> <p>Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.</p> | 5 | \$ 313 |
| 204188 | Fire Station 12 / INTERIOR | Restroom | <p>The provided signage is not mounted at the latch side of the door.</p> <p>Women's Restroom</p> <p>Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p> | 5 | \$ 55 |
| 204189 | Fire Station 12 / INTERIOR | Restroom | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Women's Restroom</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 5 | \$ 1,250 |
| 204190 | Fire Station 12 / INTERIOR | Restroom | <p>Controls on dispensers are not compliant.</p> <p>Women's Restroom</p> <p>Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 5 | \$ 200 |
| 204191 | Fire Station 12 / INTERIOR | Restroom | <p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>Women's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p> | 5 | \$ 293 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 204192 | Fire Station 12 / INTERIOR | Restroom | The rear grab bar at the water closet is not compliant. Women's Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 5 | \$ 355 |
| 204193 | Fire Station 12 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 5 | \$ 355 |
| 204194 | Fire Station 12 / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Women's Restroom Relocate shelving to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 5 | \$ 500 |
| 204195 | Fire Station 12 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 115 |
| 200260 | Fire Station 13 / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorm Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dB or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 3 | \$ 2,000 |
| 200262 | Fire Station 13 / INTERIOR | Transient Lodging | The clear floor space at the bed is not compliant. Dorm Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.] | 2 | \$ 400 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200278 | Fire Station 13 / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Employee Entrance Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 200239 | Fire Station 13 / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Entrance Lobby Provide a compliant counter. This barrier must be removed in conjunction with barrier ID 203062. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 200240 | Fire Station 13 / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Entrance Lobby Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 55 |
| 203062 | Fire Station 13 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entrance Lobby Install cane detectors. This barrier must be removed in conjunction with barrier ID 200239. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 200263 | Fire Station 13 / INTERIOR | Interior Access Route | Vertical level changes between 1/4" and 1/2" high are not beveled or vertical level changes greater than 1/2" high are not ramped. Exercise Room The area should be removed and repaired. Vertical changes in level 1/4" high maximum shall be permitted to be vertical. Vertical changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Vertical changes in level greater than 1/2" shall be ramped. [ADVISORY: A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with ramp or curb ramp requirements]. | 1 | \$ 54 |
| 200243 | Fire Station 13 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Interior Corridor Install cane detectors. This barrier must be removed in conjunction with barrier ID 203063. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 200244 | Fire Station 13 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Interior Corridor Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 500 |
| 203063 | Fire Station 13 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Interior Corridor Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200243. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 500 |
| 200562 | Fire Station 13 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200271. The cost of this barrier removal is covered under ID 200271 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ - |
| 200267 | Fire Station 13 / INTERIOR | Kitchen | Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. This barrier must be removed in conjunction with barrier ID 200268. The cost of this barrier removal is covered under ID 200268 and therefore, the cost of this ID is shown as \$0. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. | 4 | \$ - |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200268 | Fire Station 13 / INTERIOR | Kitchen | The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. This barrier must be removed in conjunction with barrier ID 200267. The location of controls shall not require reaching across burners. | 4 | \$ 759 |
| 200269 | Fire Station 13 / INTERIOR | Kitchen | Less than 5% or at least one of each type of sink is not accessible. Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 200270 | Fire Station 13 / INTERIOR | Kitchen | The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 2 | \$ 5,958 |
| 200271 | Fire Station 13 / INTERIOR | Kitchen | Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200271. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 2,196 |
| 200274 | Fire Station 13 / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 200277 | Fire Station 13 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 1,098 |
| 200887 | Fire Station 13 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 800 |

PHASE FIVE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|--|----------|---------------|
| 200257 | Fire Station 13 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant. Men's & Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 3 | \$ 14,362 |
| 200258 | Fire Station 13 / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 230 |
| 200259 | Fire Station 13 / INTERIOR | Restroom | <p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p> | 3 | \$ 710 |
| 200561 | Fire Station 13 / INTERIOR | Interior Access Route | <p>Controls throughout the common area are not compliant. Men's & Women's Restroom Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200255. The cost of this barrier removal is covered under ID 200255 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 1 | \$ - |
| 200559 | Fire Station 13 / INTERIOR | Restroom | <p>Controls on dispensers are not compliant. Men's & Women's Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 200246 & 200560. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p> | 3 | \$ 400 |
| 200252 | Fire Station 13 / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range. Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 230 |

PHASE FIVE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|----------|--|----------|---------------|
| 200253 | Fire Station 13 / INTERIOR | Restroom | The height of controls are not compliant. Men's & Women's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 400 |
| 200254 | Fire Station 13 / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Men's & Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 586 |
| 200255 | Fire Station 13 / INTERIOR | Restroom | The height of controls are not compliant. Men's & Women's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 200561. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 400 |
| 200245 | Fire Station 13 / INTERIOR | Restroom | The provided signage is not mounted at the latch side of the door or at a compliant height. Men's & Women's Restroom Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 3 | \$ 110 |
| 200246 | Fire Station 13 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's & Women's Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with barrier ID 200559 & 200560. The cost of this barrier removal is covered under ID 200559 and therefore, the cost of this ID is shown as \$0. | 2 | \$ - |
| 200247 | Fire Station 13 / INTERIOR | Restroom | Pipes are not insulated. Men's & Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 200248 | Fire Station 13 / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200249 | Fire Station 13 / INTERIOR | Restroom | The wheelchair stall with a wall mounted water closet, in a multi-stall restroom, is less than 60" wide and 56" deep. Men's & Women's Restroom Redesign to provide compliant wheelchair stall with a wall mounted water closet. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 2,736 |
| 200250 | Fire Station 13 / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Men's & Women's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,420 |
| 200560 | Fire Station 13 / INTERIOR | Restroom | The height of controls are not compliant. Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 200246 & 200559. The cost of this barrier removal is covered under ID 200559 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ - |
| 200237 | Fire Station 13 / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 1,400 |
| 200264 | Fire Station 13 / EXTERIOR | Entrance to Building | The accessible door has less than 32" clear width. Patio Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 1 | \$ 2,480 |
| 200265 | Fire Station 13 / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Patio Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 200238 | Fire Station 13 / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Public Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200242 | Fire Station 13 / INTERIOR | Employee Work Areas | The height of controls throughout the common area are not compliant. Throughout Building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 7,500 |
| 200266 | Fire Station 13 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 375 |
| 200256 | Fire Station 13 / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) is mounted above 48". Women's Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 586 |
| 200251 | Fire Station 13 / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Women's Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 313 |
| 200463 | Fire Station 14 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Apparatus Bay Install cane detectors. This barrier must be removed in conjunction with barrier ID 200583 & 200584. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 728 |
| 200464 | Fire Station 14 / INTERIOR | Employee Work Areas | Controls throughout the common area are not compliant. Apparatus Bay Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 200583 | Fire Station 14 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Apparatus Bay Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200463 & 200584. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 200584 | Fire Station 14 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Apparatus Bay Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200463 & 200583. The cost of this barrier removal is covered under ID 200583 and therefore, the cost of this ID is shown as \$0. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ - |
| 200460 | Fire Station 14 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Corridor Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200430 | Fire Station 14 / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 165 |
| 200437 | Fire Station 14 / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Corridor Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 55 |
| 200579 | Fire Station 14 / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorm Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 3 | \$ 2,000 |
| 200439 | Fire Station 14 / INTERIOR | Transient Lodging | The clear floor space at the bed is not compliant. Dorm Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.] | 2 | \$ 400 |
| 200420 | Fire Station 14 / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Entry Lobby Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 200455 | Fire Station 14 / INTERIOR | Kitchen | Less than 5% or at least one of each type of sink is not accessible. Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 720 |
| 200456 | Fire Station 14 / INTERIOR | Kitchen | The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners. | 4 | \$ 759 |

PHASE FIVE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|---|----------|---------------|
| 200457 | Fire Station 14 / INTERIOR | Kitchen | The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 2 | \$ 1,986 |
| 200458 | Fire Station 14 / INTERIOR | Kitchen | Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200459. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 2,196 |
| 200459 | Fire Station 14 / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200458. The cost of this barrier removal is covered under ID 200458 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ - |
| 200582 | Fire Station 14 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200436. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 200434 | Fire Station 14 / INTERIOR | Common Areas | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 5 | \$ 720 |
| 200436 | Fire Station 14 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200582. The cost of this barrier removal is covered under ID 200582 and therefore, the cost of this ID is shown as \$0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ - |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200446 | Fire Station 14 / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 110 |
| 200447 | Fire Station 14 / INTERIOR | Restroom | The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 3 | \$ 720 |
| 200448 | Fire Station 14 / INTERIOR | Restroom | The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] | 3 | \$ 1,100 |
| 200449 | Fire Station 14 / INTERIOR | Restroom | A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. | 3 | \$ 2,750 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200450 | Fire Station 14 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 3 | \$ 7,181 |
| 200451 | Fire Station 14 / INTERIOR | Restroom | <p>The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.</p> <p>Men's Restroom</p> <p>Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.</p> | 2 | \$ 300 |
| 200452 | Fire Station 14 / INTERIOR | Restroom | <p>The coat hook is not within an allowable reach range.</p> <p>Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 3 | \$ 230 |
| 200433 | Fire Station 14 / INTERIOR | Interior Access Route | <p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Office Entrance</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p> | 1 | \$ 1,250 |
| 200416 | Fire Station 14 / EXTERIOR | Accessible Parking | <p>The van parking space is less than 132" wide, where the van aisle is less than 96" wide.</p> <p>Parking Lot 1</p> <p>Remove and re-stripe to provide a van space that is minimum 96" wide, with an adjacent aisle minimum 96" wide, or minimum 132" wide, with an adjacent aisle minimum 60" wide. This barrier must be removed in conjunction with barrier ID 200417 and 200564 - 200567. Van spaces shall be marked to define the width, and shall have a compliant adjacent access aisle. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to accessible stalls and aisles, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle.</p> | 1 | \$ 420 |
| 200417 | Fire Station 14 / EXTERIOR | Accessible Parking | <p>The parking space slope is greater than 1:50 (2%).</p> <p>Parking Lot 1</p> <p>Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] This barrier must be removed in conjunction with barrier ID 200416 and 200564 - 200567. Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p> | 1 | \$ 6,300 |
| 200564 | Fire Station 14 / EXTERIOR | Accessible Parking | <p>WASHINGTON: Compliant signage is not provided at the van space.</p> <p>Parking Lot 1</p> <p>Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200565 - 200567. The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign.</p> <p>Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p> | 1 | \$ 280 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200565 | Fire Station 14 / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200567. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 200566 | Fire Station 14 / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Lot 1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200567. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 200567 | Fire Station 14 / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Parking Lot 1 Install a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200566. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 1 | \$ 1,750 |
| 200465 | Fire Station 14 / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |
| 200466 | Fire Station 14 / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Parking Lot 2 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 5 | \$ 1,750 |
| 200467 | Fire Station 14 / EXTERIOR | Accessible Parking | A curb or wheelstop is not provided where needed to prevent encroachment of vehicles over the required accessible route clear width. Parking Lot 2 Install a curb or wheelstop to prevent the encroachment of vehicles over the required accessible route clear width of minimum 44". | 1 | \$ 945 |
| 200453 | Fire Station 14 / EXTERIOR | Entrance to Building | The accessible door has less than 32" clear width. Patio Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. This barrier must be removed in conjunction with barrier ID 200454. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.] | 1 | \$ 2,480 |
| 200454 | Fire Station 14 / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Patio Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 200453. The cost of this barrier removal is covered under ID 200453 and therefore, the cost of this ID is shown as \$0. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ - |
| 200419 | Fire Station 14 / EXTERIOR | Entrance to Building | The threshold at the accessible door is greater than ½" in height. Public Entrance Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] | 1 | \$ 179 |
| 200580 | Fire Station 14 / INTERIOR | Interior Access Route | Stairs have open risers. Stair to Storage & Mechanical Space Replace with compliant stairs that have closed risers. Open risers are not permitted. | 1 | \$ 14,280 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200461 | Fire Station 14 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair to Storage & Mechanical Space Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 5 | \$ 728 |
| 200462 | Fire Station 14 / INTERIOR | Interior Access Route | Handrails are not provided. Stair to Storage & Mechanical Space Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] | 5 | \$ 6,520 |
| 200438 | Fire Station 14 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 4,392 |
| 200431 | Fire Station 14 / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Throughout Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 186 |
| 200432 | Fire Station 14 / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Throughout Building Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 3,809 |
| 200421 | Fire Station 14 / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 110 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200422 | Fire Station 14 / INTERIOR | Restroom | The force required to open the interior, hinged, non-fire door is more than 5 pounds. Unisex Restroom Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. | 3 | \$ 732 |
| 200423 | Fire Station 14 / INTERIOR | Restroom | Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 200424 | Fire Station 14 / INTERIOR | Restroom | The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unisex Restroom Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,260 |
| 200425 | Fire Station 14 / INTERIOR | Restroom | The flush control is located on the closed side and/or is not within reach range. Unisex Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments. | 3 | \$ 626 |
| 200426 | Fire Station 14 / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 586 |
| 200427 | Fire Station 14 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 710 |
| 200428 | Fire Station 14 / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,420 |
| 200429 | Fire Station 14 / INTERIOR | Restroom | The height of controls are not compliant. Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 400 |
| 200418 | Fire Station 14 / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Walkway from Parking Lot 1 to Public Entrance Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 286 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200440 | Fire Station 14 / INTERIOR | Restroom | The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor. | 3 | \$ 55 |
| 200441 | Fire Station 14 / INTERIOR | Restroom | The hardware at the accessible door (including sliding doors - both sides) is mounted above 48". Women's Restroom Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 1 | \$ 293 |
| 200442 | Fire Station 14 / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Women's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | \$ 1,250 |
| 200443 | Fire Station 14 / INTERIOR | Restroom | The lavatory does not have the required knee clearance. Women's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 3 | \$ 720 |
| 200444 | Fire Station 14 / INTERIOR | Restroom | A wheelchair stall is not provided in a multi-user restroom. Women's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. | 3 | \$ 2,750 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200445 | Fire Station 14 / INTERIOR | Restroom | <p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Women's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p> | 3 | \$ 7,181 |
| 203382 | Fire Station 17 / INTERIOR | Interior Access Route | <p>Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor.</p> <p>Classroom A</p> <p>Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p> | 2 | \$ 300 |
| 203381 | Fire Station 17 / INTERIOR | Interior Access Route | <p>The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.</p> <p>Classroom A - Radio Room</p> <p>Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p> | 2 | \$ 55 |
| 203383 | Fire Station 17 / INTERIOR | Interior Access Route | <p>The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).</p> <p>Classrooms A and B</p> <p>Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.</p> | 2 | \$ 1,440 |
| 203379 | Fire Station 17 / INTERIOR | Interior Access Route | <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Classrooms A and B</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> | 1 | \$ 1,456 |
| 203328 | Fire Station 17 / INTERIOR | Interior Access Route | <p>The door has less than 32" clear width.</p> <p>Crew Office</p> <p>Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p> | 5 | \$ 2,600 |

PHASE FIVE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|---|----------|---------------|
| 203329 | Fire Station 17 / INTERIOR | Employee Work Areas | The work surface is not compliant. Crew Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground. | 5 | \$ 1,030 |
| 203325 | Fire Station 17 / INTERIOR | Interior Access Route | The existing signage is not mounted at the latch side of the door or at a compliant height. Crew Office and Police Offices Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 110 |
| 203326 | Fire Station 17 / INTERIOR | Interior Access Route | The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Crew Office, Company Officer and Police Offices Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48' minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60' maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] | 2 | \$ 165 |
| 203406 | Fire Station 17 / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp CR-1 The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ 1,750 |
| 203407 | Fire Station 17 / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp CR-1 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 158 |
| 203404 | Fire Station 17 / EXTERIOR | Exterior Access Route | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Entrance E-1 Remove and lower to a compliant reach range. This barrier must be removed in conjunction with ID 203405. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 300 |
| 203405 | Fire Station 17 / EXTERIOR | Exterior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Entrance E-1 Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. This barrier must be removed in conjunction with ID 203404. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.] | 1 | \$ 728 |
| 203373 | Fire Station 17 / INTERIOR | Entrance to Building | The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Entrance E-2 Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,] | 2 | \$ 400 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203396 | Fire Station 17 / INTERIOR | Entrance to Building | The push side of the accessible door does not have the required maneuvering clearances. Entrance E-3 Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door and within the recess of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 203374 | Fire Station 17 / EXTERIOR | Entrance to Building | The maneuvering clearance at the accessible door is not level and clear. Entrances E-2 and E-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 2,500 |
| 203324 | Fire Station 17 / INTERIOR | Interior Access Route | Means of egress signage does not have tactile lettering. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 220 |
| 203347 | Fire Station 17 / INTERIOR | Fitness | Clear floor space is not provided at the transfer point to the exercise equipment. Fitness Room Provide clear floor space 30" minimum x 48" minimum positioned for transfer or for use by an individual seated in a wheelchair. Clear floor space has a maximum slope of 2.08% slope in all directions. Accessible exercise machines and equipment shall have a clear floor space positioned for transfer or for use by an individual seated in a wheelchair. Clear floor spaces required at exercise machines and equipment shall be permitted to overlap. One side of the clear floor space shall connect to an accessible route. Clear floor spaces shall not overlap the accessible route. | 5 | \$ 500 |
| 203346 | Fire Station 17 / INTERIOR | Interior Access Route | Handrail extensions are not compliant. Front and Rear Stairwells Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] | 1 | \$ 326 |
| 203391 | Fire Station 17 / INTERIOR | Interior Access Route | The sink rim is higher than 34". Garage Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 5 | \$ 720 |
| 203392 | Fire Station 17 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Garage Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 5 | \$ 400 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203393 | Fire Station 17 / INTERIOR | Interior Access Route | The location of the spout of the eye wash station is not compliant. Garage Replace the eye wash station to ensure that the spout height is no higher than 36" maximum measured from the finish floor or ground to the spout outlet, and provide knee and toe clearance. This barrier must be removed in conjunction with ID 203769. Spout outlets shall be 36" maximum above the finish floor or ground, 15" minimum from vertical support, and 5" maximum from front edge. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 4 | \$ 2,505 |
| 203742 | Fire Station 17 / INTERIOR | Interior Access Route | Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Garage Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant. | 5 | \$ 65 |
| 203769 | Fire Station 17 | Interior Access Route | Knee and toe clearance is not provided at the eye wash station. Garage Relocate or replace the eye wash station to provide knee and toe clearance. This barrier must be removed in conjunction with ID 203393. Units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 4 | \$ 980 |
| 203398 | Fire Station 17 / EXTERIOR | Exterior Access Route | The gate does not have a smooth surface within 10" of the ground. Gate G-1 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped. | 2 | \$ 160 |
| 203399 | Fire Station 17 / EXTERIOR | Exterior Access Route | The gate maneuvering clearance area is not compliant. Gate G-1 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] | 1 | \$ 568 |
| 203738 | Fire Station 17 / INTERIOR | Kitchen | The oven does not have an adjacent work surface which is a minimum height of 28" and maximum height of 34", or an adjustable work surface ranging from minimum 29" to 36" maximum. Kitchen Remove and install a kitchen work surface adjacent to the oven that is maximum 34" height or an adjustable work surface which can be adjusted from minimum 29" to maximum 36". The work surface shall be positioned adjacent to the latch side of a side-hinged oven door, or adjacent to one side of a bottom-hinged oven door. Modify or replace counter to provide a minimum 30" wide section with maximum height 34" with knee and toe clearance adjacent to the oven. The work surface shall also have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 4 | \$ 2,382 |
| 203338 | Fire Station 17 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 200 |
| 203339 | Fire Station 17 / INTERIOR | Kitchen | Less than minimum one of each type of operable part is within reach range. Kitchen Install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 1,000 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203343 | Fire Station 17 / INTERIOR | Interior Access Route | Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Kitchen Relocate or install cane detection. This barrier must be removed in conjunction with ID 203344. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.] | 1 | \$ 728 |
| 203333 | Fire Station 17 / INTERIOR | Kitchen | The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 5 | \$ 1,986 |
| 203334 | Fire Station 17 / INTERIOR | Kitchen | The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 4 | \$ 3,039 |
| 203335 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 1,500 |
| 203344 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen and Fitness Room Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203343. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 600 |
| 203336 | Fire Station 17 / INTERIOR | Interior Access Route | The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Kitchen and Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 1,440 |
| 203348 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Laundry Room Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 300 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203401 | Fire Station 17 / INTERIOR | Interior Access Route | Knee and toe clearance is not provided at the lower level fountain. Lobby Relocate or replace the lower level unit to provide knee and toe clearance. Lower level units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30" maximum above the finish floor or ground and is 3-1/2" maximum from the front edge of the unit, including bumpers.] For a parallel approach, the 48" dimension shall be centered on the unit. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 4 | \$ 980 |
| 203402 | Fire Station 17 / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Lobby Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 630 |
| 203403 | Fire Station 17 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Lobby Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 203376 | Fire Station 17 / INTERIOR | Restroom | The water closet in a single user / unisex restroom does not have the required clearance. Lobby Restroom, Upstairs Restroom - South Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 2,736 |
| 203375 | Fire Station 17 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Lobby Restroom, Upstairs Restrooms - North and South Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. | 2 | \$ 2,184 |
| 203743 | Fire Station 17 / INTERIOR | Restroom | The lavatory is mounted higher than 34" to the higher of the rim or counter. Lobby Restroom, Upstairs Restrooms - North and South Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". | 3 | \$ 2,160 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|----------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203741 | Fire Station 17 / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Lobby Restroom, Upstairs Restrooms - North and South Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 600 |
| 203350 | Fire Station 17 / INTERIOR | Restroom | The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's and Women's Restrooms Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. | 3 | \$ 732 |
| 203351 | Fire Station 17 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's and Women's Restrooms Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203352. | 2 | \$ 1,456 |
| 203352 | Fire Station 17 / INTERIOR | Restroom | The pull side of the accessible door does not have the required maneuvering clearances. Men's and Women's Restrooms Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with ID 203351. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 3 | \$ 400 |
| 203353 | Fire Station 17 / INTERIOR | Restroom | The lavatory is mounted higher than 34" to the higher of the rim or counter. Men's and Women's Restrooms Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". | 3 | \$ 1,440 |
| 203354 | Fire Station 17 / INTERIOR | Restroom | Pipes are not insulated. Men's and Women's Restrooms Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 130 |
| 203355 | Fire Station 17 / INTERIOR | Restroom | The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's and Women's Restrooms Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.] | 3 | \$ 400 |
| 203357 | Fire Station 17 / INTERIOR | Restroom | The hardware at the wheelchair stall door is not compliant. Men's and Women's Restrooms Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 3 | \$ 586 |
| 203358 | Fire Station 17 / INTERIOR | Restroom | The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's and Women's Restrooms Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 1,260 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203359 | Fire Station 17 / INTERIOR | Interior Access Route | Clear space is not provided at the control or operating mechanism. Men's and Women's Restrooms Relocate the dispenser and provide compliant clear floor space at each control and operating mechanism that allows a forward or a parallel approach. The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. For a forward approach, alcoves shall be 36" wide minimum where the depth exceeds 24". For a parallel approach, alcoves shall be 60" wide minimum where the depth exceeds 15". Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] | 1 | \$ 400 |
| 203360 | Fire Station 17 / INTERIOR | Restroom | WASHINGTON: The transfer shower stall is not compliant. Men's and Women's Restrooms Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed] | 3 | \$ 14,362 |
| 203361 | Fire Station 17 / INTERIOR | Restroom | The shower controls are not mounted at a height 38" minimum and 48" maximum above the shower floor. Men's and Women's Restrooms Relocate the shower controls, shower spray unit, and faucet. In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat, at a height 38" minimum and 48" maximum above the shower floor. The controls, shower spray unit and faucet shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. In transfer type compartments, grab bars shall be provided across the control wall and back wall to a point 18" from the control wall. | 3 | \$ 650 |
| 203363 | Fire Station 17 / INTERIOR | Restroom | A transfer seat is provided but is not compliant. Men's and Women's Restrooms Provide a compliant folding or non-folding seat. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor. | 3 | \$ 1,209 |
| 203364 | Fire Station 17 / INTERIOR | Restroom | The shower area does not have a compliant bench. Men's and Women's Restrooms Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. | 3 | \$ 1,578 |
| 203365 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Men's and Women's Restrooms Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 400 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203366 | Fire Station 17 / INTERIOR | Interior Access Route | A compliant turning space is not provided at the change of direction. Men's and Women's Restrooms Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 1,500 |
| 203368 | Fire Station 17 / INTERIOR | Restroom | The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] | 3 | \$ 1,100 |
| 203389 | Fire Station 17 / INTERIOR | Interior Access Route | WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. North and South Stairwells Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface. | 3 | \$ 1,689 |
| 203386 | Fire Station 17 / INTERIOR | Interior Access Route | Handrails are not compliant. North Stairwell Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. | 1 | \$ 8,476 |
| 203739 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Office across from Men's Restroom Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 203370 | Fire Station 17 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Office across from Men's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 1,250 |
| 203349 | Fire Station 17 / INTERIOR | Interior Access Route | The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Office across from Men's Restroom Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.] | 5 | \$ 400 |
| 203331 | Fire Station 17 / INTERIOR | Interior Access Route | The height of controls throughout the common area are not compliant. Offices Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 1 | \$ 2,000 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203330 | Fire Station 17 / INTERIOR | Interior Access Route | The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Offices, Fitness Room, Sleeping Quarters Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] | 5 | \$ 4,710 |
| 203323 | Fire Station 17 / EXTERIOR | Accessible Parking | The access aisle slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 5,000 |
| 203408 | Fire Station 17 / EXTERIOR | Accessible Parking | The parking space slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included. | 1 | \$ 6,300 |
| 203410 | Fire Station 17 / EXTERIOR | Accessible Parking | WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Stall P-1 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 203397 | Fire Station 17 / EXTERIOR | Common Areas | The dining table does not have compliant knee and toe clearance. Patio Provide dining tables with knee and toe clearance. Dining tables shall be minimum 28" and maximum 34" high. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. | 2 | \$ 1,000 |
| 203327 | Fire Station 17 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Police Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 1 | \$ 1,250 |
| 203345 | Fire Station 17 / INTERIOR | Interior Access Route | Clear widths are less than 36" minimum, including protruding objects. Rec Room Relocate the furniture to ensure clear widths of 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to be 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] | 1 | \$ 200 |
| 203371 | Fire Station 17 / INTERIOR | Interior Access Route | At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Sleeping Quarters Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 400 |
| 203740 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Sleeping Quarters Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 300 |
| 203394 | Fire Station 17 / INTERIOR | Interior Access Route | The rear of the stairs is open. South Stairwell Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground. | 1 | \$ 728 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 203377 | Fire Station 17 / INTERIOR | Interior Access Route | Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Unisex Restroom - South Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 300 |
| 203378 | Fire Station 17 / INTERIOR | Restroom | The accessible dispensers are not at compliant heights. Unisex Restroom - South Remove and relocate dispensers so that the highest operable part is at an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [Advisory for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 200 |
| 200515 | Fire Station 18 / INTERIOR | Interior Access Route | The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Corridor Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted. | 5 | \$ 2,500 |
| 200480 | Fire Station 18 / INTERIOR | Interior Access Route | Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Building Exits Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] | 2 | \$ 110 |
| 200492 | Fire Station 18 / INTERIOR | Transient Lodging | The clear floor space at the bed is not compliant. Dorm Room Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.] | 2 | \$ 400 |
| 200493 | Fire Station 18 / INTERIOR | Transient Lodging | The required number of guest rooms with communication features is not provided. Dorm Room Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition). | 3 | \$ 2,000 |
| 200507 | Fire Station 18 / INTERIOR | Interior Access Route | The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds. Exercise Room Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. | 1 | \$ 366 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200481 | Fire Station 18 / INTERIOR | Common Areas | The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Fire Office Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.] | 2 | \$ 1,804 |
| 200508 | Fire Station 18 / INTERIOR | Common Areas | Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 4 | \$ 1,098 |
| 200509 | Fire Station 18 / INTERIOR | Kitchen | The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. | 2 | \$ 1,986 |
| 200510 | Fire Station 18 / INTERIOR | Kitchen | The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | 2 | \$ 720 |
| 200511 | Fire Station 18 / INTERIOR | Kitchen | Items requiring a reach motion, but do not have an operable part, are not within compliant reach ranges. Kitchen Ensure at least one of each type of dispenser is within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 93 |
| 200512 | Fire Station 18 / INTERIOR | Kitchen | Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 225 |
| 200889 | Fire Station 18 / INTERIOR | Interior Access Route | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 800 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|--|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200490 | Fire Station 18 / INTERIOR | Common Areas | The height of the shelving is not within reach range. Laundry Room Install shelving within at least one of the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 5 | \$ 200 |
| 200888 | Fire Station 18 | Interior Access Route | Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 800 |
| 200498 | Fire Station 18 / INTERIOR | Restroom | The required clearance at the entry to the transfer stall is not provided. Men's & Women's Restroom Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided. | 3 | \$ 6,000 |
| 200500 | Fire Station 18 / INTERIOR | Restroom | Controls on dispensers are not compliant. Men's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 200501 | Fire Station 18 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 200502 | Fire Station 18 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| 200503 | Fire Station 18 / INTERIOR | Restroom | Where provided, shelves are not located within 40" - 48" above the finished floor. Men's Restroom Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf. | 3 | \$ 200 |

PHASE FIVE BARRIERS

| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
|------------|----------------------------|-----------------------|---|----------|---------------|
| 200504 | Fire Station 18 / INTERIOR | Restroom | A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. | 3 | \$ 2,750 |
| 200505 | Fire Station 18 / INTERIOR | Restroom | Pipes are not insulated. Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory. | 3 | \$ 65 |
| 200471 | Fire Station 18 / EXTERIOR | Accessible Parking | WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Lot 1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 1 | \$ 280 |
| 200472 | Fire Station 18 / EXTERIOR | Accessible Parking | WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%). | 1 | \$ 280 |
| 200473 | Fire Station 18 / EXTERIOR | Exterior Access Route | WASHINGTON: The curb ramp width is less than 44". Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 200474. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] | 1 | \$ 1,750 |
| 200474 | Fire Station 18 / EXTERIOR | Exterior Access Route | WASHINGTON: The slope of the curb ramp run is not compliant. Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200473. The cost of this barrier removal is covered under ID 200473 and therefore, the cost of this ID is shown as \$0. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44". | 1 | \$ - |
| 200477 | Fire Station 18 / EXTERIOR | Accessible Parking | WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. | 5 | \$ 1,400 |

| PHASE FIVE BARRIERS | | | | | |
|---------------------|----------------------------|-----------------------|---|----------|---------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200514 | Fire Station 18 / EXTERIOR | Entrance to Building | The threshold at the accessible door is raised; however the ends are not beveled. Patio Entrance Remove and replace with a threshold that is ½" or less in height; or beveled with a slope no greater than 1:2. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] Changes in level up to 1/4" max. are permitted to be vertical. | 1 | \$ 179 |
| 200478 | Fire Station 18 / EXTERIOR | Exterior Access Route | Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Public Entrance Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. | 2 | \$ 93 |
| 200479 | Fire Station 18 / EXTERIOR | Entrance to Building | The threshold at the accessible door is raised; however the ends are not beveled. Public Entrance Remove and replace with a threshold that is ½" or less in height; or beveled with a slope no greater than 1:2. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] Changes in level up to 1/4" max. are permitted to be vertical. | 1 | \$ 179 |
| 200475 | Fire Station 18 / EXTERIOR | Exterior Access Route | The accessible route has gaps in the surface greater than 1/2" wide. Public Entrance Walkway Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | 1 | \$ 770 |
| 200476 | Fire Station 18 / EXTERIOR | Exterior Access Route | A curb ramp is not provided where the accessible route crosses a curb. Rear Patio Access Route Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 44" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. | 5 | \$ 1,750 |
| 200506 | Fire Station 18 / INTERIOR | Common Areas | Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Throughout Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 2 | \$ 279 |
| 200487 | Fire Station 18 / INTERIOR | Common Areas | Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 1 | \$ 2,700 |
| 200482 | Fire Station 18 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 200483 | Fire Station 18 / INTERIOR | Restroom | The side grab bar at the water closet is not compliant. Unisex Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 355 |
| 200485 | Fire Station 18 / INTERIOR | Restroom | Controls on dispensers are not compliant. Unisex Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 200486. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. | 3 | \$ 200 |
| 200486 | Fire Station 18 / INTERIOR | Restroom | The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with barrier ID 200485. The cost of this barrier removal is covered under ID 200485 and therefore, the cost of this ID is shown as \$0. | 2 | \$ - |

| PHASE FIVE BARRIERS | | | | | |
|-------------------------|----------------------------|----------|--|----------|-------------------|
| Barrier ID | Facility | Type | Detail and Resolution | Priority | Cost Estimate |
| 200494 | Fire Station 18 / INTERIOR | Restroom | The grab bars at the water closet are not compliant. Women's Restroom Install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. | 3 | \$ 710 |
| 200495 | Fire Station 18 / INTERIOR | Restroom | WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. | 3 | \$ 355 |
| 200496 | Fire Station 18 / INTERIOR | Restroom | WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.] | 3 | \$ 293 |
| 200497 | Fire Station 18 / INTERIOR | Restroom | The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.] | 3 | \$ 115 |
| PHASE FIVE TOTAL | | | | | \$ 372,597 |

**APPENDIX C
AMERICANS WITH DISABILITIES ACT (ADA)
TITLE II REQUIREMENTS**

The Americans with Disabilities Act

With the passage of the Americans with Disabilities Act in 1990, people with disabilities were, for the first time, assured of access to all programs and services provided by state and local government agencies. Previously, under Section 504 of the Rehabilitation Act of 1973, as amended, only those public entities that receive federal funding were explicitly prohibited from discriminating on the basis of disability. Title II of the Americans with Disabilities Act applies Title I regulations to most public entities and became effective on January 26, 1992.

The Americans with Disabilities Act is divided into five areas, Titles I through V.

Title I- Employment: Title I of the Americans with Disabilities Act prohibits all employers, including government agencies, from discriminatory practices in the hiring, training, advancement, compensation, or discharge of any employee, or in any terms, conditions, and rights of employment.

Title II- Public Services: Title II of the American Disabilities Act, which governs state and local government entities, prohibits all public entities, even those completely independent from federal funding, from discriminating against people with disabilities. Generally, Title II of the Americans with Disabilities Act (ADA) prohibits discrimination by state and local government entities to access and use of “areas of public accommodations” and “public facilities” on the basis of disability.

Title III- Public Accommodations and Commercial Facilities: Title III requires places of public accommodation (privately funded and operated facilities) and commercial facilities that serve the public to be accessible to and usable by people with disabilities.

Title IV- Telecommunications: Title IV covers private telecommunication carriers offering services to the public to increase the availability of interstate and intrastate telecommunication relay services to individuals with hearing and speech impairments.

Title V- Miscellaneous Provisions: Title V contains miscellaneous provisions, including construction standards and practices, provisions for attorneys' fees, and technical assistance provisions.

Terms such as “Public Entity” and “Governmental Agency” are applicable to Title II entities, which are defined as state and local governments.

The Department of Justice (DOJ) is tasked with enforcement of the ADA.

Scope of Title II

Title II is divided into two subtitles. This discussion focuses only on Subtitle A, which is implemented by the Department of Justice's Title II regulation at 28 C.F.R. § Part 35. Subtitle B covers public transportation and is implemented by the Department of Transportation's regulation. Subtitle B provisions are not applicable to this report, since parks are not a mode of public transportation. The use of the term "Title II" anywhere in the Transition Plan report refers only to Subtitle A.

28 C.F.R. §35.102 Application

(a) Except as provided in paragraph (b) of this section, this part applies to all services, programs, and activities provided or made available by public entities.

(b) To the extent that public transportation services, programs, and activities of public entities are covered by Subtitle B of Title II (42 U.S.C.12141) of the ADA, they are not subject to the requirements of this part.

The obligation to comply with Title II extends to all public entities, including:

- Any state or local government
- Any department, agency, special purpose district, or other instrumentality of a state or local government

ADA TITLE II TRANSITION PLAN

CITY OF REDMOND – TRANSITION PLAN
15670 NORTHEAST 85TH STREET
REDMOND, WASHINGTON 98052

EMG PROJECT NO.: 139332.19R000-00A.206

All local agencies, including municipalities, are required to comply with Title II because they are considered "instrumentalities" of the state government. All programs, activities, and services of local government, including municipalities, must be in compliance with Title II. Examples of activities covered include:

- The operation of all services and programs offered by the entity;
- All aspects of the employment relationship; and
- Services carried out by contractors.

Title II covers any and all events the local government system offers, for example, any public meetings, entertainment or lecture series, all events offered by the school system including after-school activities and social events, festivals or other special events, and all services provided for the public or staff. Services provided by any private contractors on behalf of the municipal system must also comply fully with relevant provisions of Title II.

Under Title II, a public entity (i.e. governmental agency) shall operate each service, program, or activity so that the service, program, or activity, when viewed in its entirety, is readily accessible to and usable by individuals with disabilities. The local government may not deny the benefits of its programs, activities and services to individuals with disabilities because its facilities are inaccessible.

Public meeting rooms must be accessible to people with disabilities. Buildings where public meetings, services, programs or activities take place must provide access to telephones and restrooms, if provided, for people with disabilities as well as the general public. When a program, service or activity is scheduled in an inaccessible location and a person with a disability notifies the agency of their desire or need to participate, that program, service or activity must be moved to an accessible location.

The government must maintain equipment and features of facilities in working order, if those features and equipment are required to provide ready access to individuals with disabilities. Isolated or temporary interruptions in access due to maintenance and repair of accessible features are not prohibited. For example, where the governmental agency must provide an accessible route, the route must remain accessible and not blocked by obstacles such as furniture, filing cabinets, or potted plants. An isolated instance of placement of an object on an accessible route, however, would not be a violation if the object is promptly removed. Similarly, accessible doors must be unlocked when the governmental agency's offices are open for business.

Mechanical failures in equipment such as elevators or automatic doors will occur from time to time. The obligation to ensure that facilities are readily accessible to and usable by individuals with disabilities would be violated if repairs are not made promptly or if improper or inadequate maintenance causes repeated failures.

However, this does not --

(1) Necessarily require a public entity to make each of its existing facilities accessible to and usable by individuals with disabilities;

(2) Require a public entity to take any action that would threaten or destroy the historic significance of an historic property; or

(3) Require a public entity to take any action that it can demonstrate would result in a fundamental alteration in the nature of a service, program, or activity or in undue financial and administrative burdens. In those circumstances where personnel of the public entity believe that the proposed action would fundamentally alter the service, program, or activity or would result in undue financial and administrative burdens, a public entity has the burden of proving that compliance with 35.150(a) of this part would result in such alteration or burdens. The decision that compliance would result in such alteration or burdens must be made by the head of a public entity or his or her designee after considering all resources available for use in the funding and operation of the service, program, or activity, and must be accompanied by a written statement of the reasons for reaching that conclusion. If an action would result in such an alteration or such burdens, a public entity shall take any other action that would not result in such an alteration or such burdens but would nevertheless ensure that individuals with disabilities receive the benefits or services provided by the public entity.

In summary, Title II requires state, county, and city governments to ensure that all of their programs, services, and activities, when viewed in their entirety, are accessible to people with disabilities. Program access is intended to remove physical barriers to state, county, and city services, programs, and activities, but it generally does not require that a government agency make each facility, or each part of a facility, accessible. For example, all restrooms in a facility may not be accessible. However, signage directing people with disabilities to the accessible features and spaces in a facility, including at least one accessible restroom, should be provided.

Program accessibility may be achieved in a variety of ways. State, county, and city governments may choose to make structural changes to existing facilities to achieve access, or can pursue alternatives to structural changes to achieve program accessibility. For example, governments can move public meetings to accessible buildings, or can relocate services for individuals with disabilities to accessible levels or sections of buildings. When choosing between possible methods of program accessibility, governments must give priority to the choices that offer services, programs, and activities in the most integrated setting appropriate. [28 C.F.R. § 35.149, 35.150, 35.151, 35.163]

Definition of Disability

The ADA stipulates a three-pronged definition of disability. Disability is defined as an individual who:

- Has a physical or mental impairment that substantially limits one or more major life activities; or
- Has a record or history of such an impairment; or
- Is perceived or regarded as having such an impairment;
- Major life activities encompasses activities such as caring for oneself, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning and working. [28 C.F.R. § 35.104]

Human Resources

The ADA requires equal opportunity for the disabled in all areas of employment practices, including the application process, interviewing, testing, hiring, job assignment, evaluation, discipline, medical examinations, compensation, promotion, on-the-job training, layoff/recall, termination, leave and benefits such as health insurance. The non-discrimination requirement applies to the hiring process, as well as employees.

The ADA requires that all employees be provided equal access to benefits, such as health insurance, regardless of disability. However, the regulations also indicate that certain restrictions, such as pre-existing condition waiting periods or caps on particular types of services, such as out-patient physical therapy, are permissible unless proven to be a subterfuge for discrimination.

The ADA requirements for the hiring protocol and all areas of responsibility of the human resources department extend to seasonal workers, workers covered by collective bargaining agreements and works who may be hired through outside agencies. Volunteers, interns or student teachers who may be placed at an agency program or recruiters are not necessarily defined as government employees.

An important factor in the Self-Evaluation process is the identification of unionized employees and the terms of union agreements. For example, the terms of a collective bargaining agreement may include job restructuring or reassignment requests, which may affect seniority provisions. If the granting of requests would create an undue hardship, the Equal Employment Opportunity Commission (EEOC) has the authority to determine on a case-by-case basis whether the claim of undue hardship is valid.

Employment regulations treat alcohol and drug use differently. Alcoholism is recognized as a disability under the ADA; however, employers do not have to tolerate poor work performance due to alcoholism. If a person with alcoholism is provided only one paid leave for treatment of the alcoholism, while persons with different diseases are provided multiple paid leave, then such a provision is a violation of the ADA.

The ADA does not protect an individual currently engaging in the illegal use of drugs. However, a person with a history of drug addiction who (1) has been successfully rehabilitated or is participating in a drug rehabilitation program and (2) is not engaging in the illegal use of drugs is protected if the person is a qualified individual with a disability. An individual who is erroneously regarded as being a drug addict is also protected. [28 C.F.R. § 35.104, 131]

Communications

People who have disabilities that affect hearing, seeing, speaking, reading, writing or understanding may use different ways to communicate than people who do not. Governmental agencies are required to take steps to ensure that the agency's communications with people with disabilities are as effective as communications with others. [28 C.F.R. § 35.160(a)(1)]

This effective communication requirement applies to all members of the public with disabilities, including job applicants, program participants, and even people who simply contact state or local government agencies seeking information about programs, services, events or activities. The requirement applies to all agencies and to all modes of communication including written, spoken, telecommunications, television and video. Specifically, where the governmental agency communicates by telephone with applicants and any other person, text phones (TTY's) or equally effective telecommunications systems are required to be used for individuals who are deaf, hard of hearing, or have speech impairments. [28 C.F.R. § 35.161]

When the government uses an automated-attendant system, including, but not limited to, voice mail and messaging, or an interactive voice response system, for receiving and directing incoming telephone calls, that system must provide for real-time communication with individuals using auxiliary aids and services, including TTY's and all forms of FCC-approved telecommunications relay system, including Internet-based relay systems. [28 C.F.R. § 35.161]

Under 28 C.F.R. § 35.161, the ADA requires that all Public Safety Answering Points (PSAPs) provide direct and equal access to their services for people with disabilities who use text phones (TTYs). All basic emergency services are included in this requirement. Both primary and secondary PSAPs have the same responsibilities under the ADA. To be in compliance, every call-taking position within the PSAP must have its own TTY or TTY-compatible equipment.

Additionally, telephone emergency services, including 911 services, shall provide direct access to individuals who use telecommunication devices for the deaf (TDD's) or computer modems. [28 C.F.R. § 35.162]

The governmental agency must provide equal access to the programs, services and activities available on the agency's website(s). This can include making websites accessible to people with disabilities, or providing an alternative format for people to access the information, programs and services available through the web. In order to aid development of a government website which is accessible, the web administrator can consult the Web Content Accessibility Guidelines, developed by the Web Content Accessibility Working Group, which is part of the World Wide Web Consortium Web Accessibility Initiative, and available at <http://www.w3.org/TR/WCAG20>.

When an auxiliary aid or service is requested, the Department must provide an opportunity for the requester to specify aids or services of their choice, and that choice must be given primary consideration. There are many types of auxiliary aids and services that may be used to provide effective communication for people with disabilities, but not all ways work for all people or even for people with the same type of disability. The law does not require the agency to provide every one of these aids and services, but it does require that each person who interacts with the agency receives effective communication. [28 C.F.R. § 35.160]

Requirements for an ADA Coordinator

A Title II entity with more than 50 employees must designate an ADA Coordinator who coordinates agency efforts to comply with and carry out the responsibilities of the ADA. The coordinator provides a single point of contact for members of the public about ADA and the agency. In order to ensure that individuals can easily identify the ADA Coordinator, the governmental agency must provide the ADA Coordinator's name, office address, and telephone number to all interested individuals [28 C.F.R. § 35.107].

The ADA Coordinator facilitates compliance with the ADA and provides expertise regarding the American Disability Act and ADA Standards. The ADA coordinator receives and investigates complaints related to discrimination on the basis of disability.

Under 28 C.F.R. § 35.107, a grievance procedure is required for public entities of 50 or more employees. Title II entities are required to adopt and publish grievance procedures providing for prompt and equitable resolution of complaints alleging any action that would be prohibited by 28 C.F.R. § 35.

New Construction and Alterations

A public Title II entity may not deny the benefits of its programs, activities, and services to persons with disabilities because its existing facilities are inaccessible. Thus, it is the general availability of a program to persons with disabilities that must be evaluated, not compliance with facility standards developed for new construction and alterations.

While state and local governments may wish to measure the accessibility of their existing buildings against the scoping and technical provisions in the 2010 Standards, program accessibility may be achieved without making every existing facility - or every part of an existing building - accessible. Alternatives to building retrofit can include the temporary relocation of an activity to an accessible facility or the delivery of the service or benefit by other means. In many cases, however, permanent construction that provides physical access may be the most efficient and economical approach to program access, particularly when life cycle costs are considered.

Although physical changes are required only when there is no other feasible way to make a program accessible, public entities are nevertheless required to give priority to methods that result in the most integrated setting appropriate. The program access obligation is limited: title II entities do not have to take actions that they can demonstrate would result in a fundamental alteration in the nature of a program or that would impose undue financial or administrative burdens.

In compliance with 28 C.F.R. §35.151 (c), if new construction and alterations to a facility were begun prior to September 15, 2010, then the facility or portion of the facility that is affected by the alteration shall comply with the 1991 standards. If new construction and alterations to a facility were begun on or after September 15, 2010, and before March 15, 2012, then either the 1991 standards or the 2010 ADA Standards for Accessible Design are applicable. For all new construction or alterations begun on or after March 15, 2012, the 2010 ADA Standards for Accessible Design are applicable. New construction and alterations must fully comply with all applicable 2010 ADA Standards for Accessible Design if begun on or after March 15, 2012.

The DOJ definition of the commencement of construction is the establishment of a physical object, such as a foundation wall, rather than the groundbreaking first shovel and initial grading of the site.

Existing facilities (including all buildings, exterior facilities, and the on-site access to them) constructed prior to January 26, 1992, and not altered in any way since that date, are held to the lesser standard of complying, with the extent allowed by structural feasibility and the financial resources available, or when a reasonable accommodation can be made.

If the cost of providing a path of travel to an altered facility is more than 20% of the cost of the alteration to the primary function area, then the cost is disproportionate to the overall area and therefore not required. Costs that may be considered as part of the cost of providing an accessible path of travel may include: (1) the costs associated with providing an accessible entrance and an accessible route to the altered area, for example, the cost of widening doorways or installing ramps; (2) costs associated with making restrooms accessible, such as installing grab bars, enlarging toilet stalls, insulating pipes, or installing accessible faucet controls, if the restroom is not the primary function of the area (e.g. the restroom is not in a highway rest area); (3) costs associated with providing accessible telephones, such as relocating the telephone to an accessible height, installing amplification devices, or installing a text telephone (TTY); and (4) costs associated with relocating an inaccessible drinking fountain. [28 C.F.R. § 35.151(b)(4)(iii)]

When the cost of alterations necessary to make the path of travel to the altered area fully accessible is disproportionate to the cost of the overall alteration, the path shall be made accessible to the extent that it can without incurring disproportionate costs. In choosing which accessible elements to provide, priority should be given to those elements that will provide the greatest access, in the following order: (1) an accessible entrance; (2) an accessible route to the altered area; (3) at least one accessible restroom for each sex or a single unisex restroom; (4) accessible telephones; (5) accessible drinking fountains; and (6) when possible, additional accessible elements such as parking storage and alarms. [28 C.F.R. § 35.151(b)(4)(iv)] A series of smaller alterations cannot be used to evade the requirement if the alterations are served by a single path of travel. [28 C.F.R. § 35.151(b)(4)(v)]

Safe Harbor

The 2010 ADA Standards for Accessible Design use the terms incremental change and supplemental change. Incremental changes are those elements which were requirements under the 1991 standards, but which were changed in some way under the 2010 standards. Supplemental changes are those regulations or regulatory areas which were not included in the 1991 standards, but are included in the 2010 standards.

“Safe harbor” is the term used in the 2010 ADA Standards to describe situations where the 2010 incremental changes to the ADA regulations are not required if alterations to the building or facility are not made. Specifically, “safe harbor” applies to a path of travel. “A ‘path of travel’ includes a continuous, unobstructed way of pedestrian passage by means of which the altered area may be approached, entered, and exited, and which connects the altered area with an exterior approach (including sidewalks, streets, and parking areas), an entrance to the facility and other parts of the facility. “[28 C.F.R. § 35.151(b)(4)(ii)] “An accessible path of travel may consist of walks and sidewalks, curb ramps and other interior or exterior pedestrian ramps; clear floor paths through lobbies, corridors, rooms, and other improved areas; parking access aisles; elevators and lifts; or a combination of these elements. For the purposes of the section the term ‘path of travel’ also includes the restrooms, telephones and drinking fountains serving the altered area.” [28 C.F.R. § 35.151(b)(4)(ii)(B)]

Safe harbor applies only if a building or facility built after July 26, 1992 was compliant with the 1991 standards prior to the enforceable date of the 2010 regulations, which is March 15, 2012. “Safe harbor” is granted to facilities or buildings if and only if the facilities are fully in compliance with the 1991 standards prior to March 15, 2012. However, if alterations are made after March 15, 2012, the alteration of the building or facility must fully comply with the 2010 standards, and any other portions of the existing building or facility that are substantially affected by the alteration in terms of their use, must also comply with the 2010 standards. “Safe harbor” does not apply to areas of supplemental change. For instance, the 2010 standards include regulations for exercise equipment or exercise areas, play areas, recreational boating, mini-golf, swimming pools, bowling, and court sports, but those regulations are not governed by “safe harbor.” Other supplemental changes not enumerated here are also not covered by “safe harbor”. [28 C.F.R. § 35.151(b)(4)(ii)(c)]

For example, one of the regulated areas where “safe harbor” makes an impact is in a single occupant restroom. The 2010 ADA Standards for Accessible Design require a clear floor space next to the water closet, while the 1991 ADAAG allows the lavatory to overlap the clear space. The intent of the new provisions is to allow space for a side transfer to the water closet. The 2010 ADA Standards allow the door to swing into the bathroom as long as there is a clear floor space past the swing of the door, so that a person can enter the room, shut the door and then maneuver. The 1991 ADAAG does not allow the door swing and the clear floor space to overlap for any of the fixtures. While the 2010 standards do not allow clear space overlap in multi-stall bathrooms, overlap is allowed in single occupant bathrooms.

Undue Burden

A public entity must operate each service, program, or activity so that when viewed in its entirety, the service, program, or activity is readily accessible to and usable by individuals with disabilities. This does not necessarily require the public entity to make each of its facilities accessible to and usable by individuals with disabilities. Additionally, a public entity is not required to take any action that would threaten or destroy the historical significance of an historic property.

If the state or local government agency can demonstrate that an action would result in a fundamental alteration in the nature of a service, program, or activity or in undue financial and administrative burdens, then the decision must be made in a written statement describing the reason for the conclusion, and the decision must be made by the head of the government agency, or his or her designee after considering all resources available for use in the funding and operation of the service, program, or activity. The public entity has the burden of proof that compliance with 28 C.F.R. § 35.151 would result in such alterations or burdens.

If an action would result in a fundamental alteration of the service, program, or activity or in undue financial and administrative burdens, the Title II entity shall take any other action to ensure that individuals with disabilities receive the benefits or services provided by the state or local government agency.

Self-Evaluation Requirements

A Self-Evaluation is a governmental organizations' evaluation of its current services, policies and practices, and all physical facilities. The Self Evaluation comprises three components: 1. Data gather/assessments/internal reviews, etc., 2. The Transition Plan, and 3. Action to make necessary modifications. A government entity is required to conduct a Self-Evaluation within one year of the effective date of 28 C.F.R. § 35.105, the effective date being March 15, 2011. All governments were required to complete a Self-Evaluation of their facilities, programs, policies, and practices by January 26, 1993. The evaluation required by March 15, 2012 is required to cover any and all areas that were not covered under the previous Self-Evaluation, including any programs or facilities that were altered since the previous Self-Evaluation. If a previous self-evaluation was not conducted, then the Self-Evaluation required by March 15, 2012 must include all facilities, services, policies, and practices.

The Self-Evaluation identifies and corrects those policies and practices that are inconsistent with Title II's requirements. Self-Evaluations should consider all of a local government's programs, activities, and services, as well as the policies and practices that a governmental agency has put in place to implement its various programs and services. Remedial measures necessary to bring the programs, policies, and services into compliance with Title II should be specified -- including, but not limited to: (1) relocation of programs to accessible facilities; (2) offering programs in an alternative accessible manner; (3) structural changes to provide program access; (4) policy modifications to ensure nondiscrimination; and (5) auxiliary aids needed to provide effective communication. [28 C.F.R. §§ 35.105, 35.150(d)] The Self-Evaluation process identifies those policies and practices that are inconsistent with the requirements of Title II of the ADA. As part of the Self-Evaluation, the governmental agency is required to:

- A. Identify all of its programs, activities, and services.
- B. Review all the policies and practices that govern the administration of the governmental agency's programs, activities, and services.
- C. Examine each program to determine whether any physical barriers to access exist, including whether individuals with mobility impairments are provided access to public meetings.
- D. Review its policies and practices to determine whether any have the effect of excluding or limiting the participation of individuals with disabilities in the governmental agency's programs, activities, or services. The Self-Evaluation should provide justification for any agency policy that creates a barrier for people with disabilities that will not be modified.
- E. Review its policies to assess whether communications with persons with disabilities are as effective as its communication with others.
- F. Review its policies for responding to requests for accommodations to ensure such requests are responded to expeditiously.
- G. Review its employment practices to assess whether they comply with other applicable nondiscrimination requirements, including Section 504 of the Rehabilitation Act and the ADA regulations issued by the Department of Justice.
- H. Review its building and construction policies to assess whether construction of each new facility or part of a facility, or alteration of existing facilities, conforms to the standards designated under the Title II regulations.
- I. Provide the opportunity to interested persons, including individuals with disabilities or organizations representing individuals with disabilities, to participate in the Self-Evaluation process by submitting comments.

In addition, a public entity that employs 50 or more persons shall for at least three years following completion of the Self-Evaluation maintain on file and make available for public inspection: (1) a list of the interested persons consulted; (2) a description of areas examined and any problems identified, and (3) a description of any modification made.

Transition Plan Requirements

If a state or local government that employs 50 or more persons decides to make structural changes to achieve program access, it must develop a transition plan that identifies those changes and sets a schedule for implementing them. Transition plans must be available to the public.

ADA TITLE II TRANSITION PLAN

CITY OF REDMOND – TRANSITION PLAN
15670 NORTHEAST 85TH STREET
REDMOND, WASHINGTON 98052

EMG PROJECT NO.: 139332.19R000-00A.206

28 C.F.R. §35.150 (d) Transition plan: (1) In the event that structural changes to facilities will be undertaken to achieve program accessibility, a public entity that employs 50 or more persons shall develop, within six months of the effective date of this part, a transition plan setting forth the steps necessary to complete such changes. A public entity shall provide an opportunity to interested persons, including individuals with disabilities or organizations representing individuals with disabilities, to participate in the development of the transition plan by submitting comments. A copy of the transition plan shall be made available for public inspection.

(2) If a public entity has responsibility or authority over streets, roads, or walkways, its transition plan shall include a schedule for providing curb ramps or other sloped areas where pedestrian walks cross curbs, giving priority to walkways serving entities covered by the Act, including State and local government offices and facilities, transportation, places of public accommodation, and employers, followed by walkways serving other areas.

(3) The plan shall, at a minimum -

(i) Identify physical obstacles in the public entity's facilities that limit the accessibility of its programs or activities to individuals with disabilities;

APPENDIX D
CITY OF REDMOND ADA PROGRAM

AMERICANS WITH DISABILITIES ACT PROGRAM

The U.S. Congress signed the Americans with Disabilities Act (ADA) in 1990, and it went into effect in 1992. The ADA is a civil rights law that prohibits discrimination against individuals with disabilities in access to jobs, public accommodations, government services and programs, public transportation, and telecommunications.

Title I

Title I of the ADA prohibits private employers, state and local governments, employment agencies and labor unions from discriminating against qualified individuals with disabilities in job application procedures, hiring, firing, advancement, compensation, job training, and other terms, conditions, and privileges of employment. The City of Redmond is an Equal Employment Opportunity (EEO) employer and adheres to the requirements of Title I.

Title II

Title II of the ADA adopts the general prohibitions against discrimination contained in Section 504 of the Rehabilitation Act of 1973, but applies to all state and local governments, regardless of whether or not they receive federal funding. It prohibits the City from denying persons with disabilities the equal opportunity to participate in its services, programs or activities, either directly or indirectly through contractual arrangements.

It is the policy of the City of Redmond to make every reasonable effort to provide equal access to all City facilities, services, programs, and activities for citizens with disabilities in accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973.

Requesting Accommodation

Find out how to request accommodations such as a translator or barrier removal, and how to request that documents and other materials be provided in alternate formats. Learn more about [requesting an accommodation](#).

Filing an Americans with Disabilities Act (ADA) Grievance

If you feel you or another person have been denied access to a City facility, program, service or activity, please send a letter or an email to the Customer Service Desk or [file a grievance online](#).

APPENDIX E
TITLE II ADA COORDINATOR ROLE

TITLE II ADA COORDINATOR ROLE IN STATE AND LOCAL GOVERNMENT

ADA Coordinator's Role

Title II of the ADA requires all state or local government entities with 50 or more employees to appoint a responsible person to coordinate the administrative requirements of ADA compliance and to respond to complaints filed by the public. The name and contact information for the responsible person is required to be publicly advertised. The ADA coordinator can be either a single individual or an office of the ADA Coordinator with more than one staff member, however the Title II requirements dictate that one individual's name be publicized.

[28 C.F.R. § 35.107]: A Title II entity with more than 50 employees must designate an ADA Coordinator who coordinates agency efforts to comply with and carry out the responsibilities of the ADA. The coordinator provides a single point of contact for members of the public about ADA and the agency. In order to ensure that individuals can easily identify the ADA Coordinator, the governmental agency must provide the ADA Coordinator's name, office address, and telephone number to all interested individuals.

The ADA Coordinator facilitates compliance with the ADA and provides expertise regarding the American Disability Act and ADA Standards. The ADA coordinator receives and investigates complaints related to discrimination on the basis of disability.

Under 28 C.F.R. § 35.107, a grievance procedure is required for public entities of 50 or more employees. Title II entities are required to adopt and publish grievance procedures providing for prompt and equitable resolution of complaints alleging any action that would be prohibited by 28 C.F.R. § 35.

The drafters of the ADA modeled this position after the 504 Coordinator that had been required under the Rehabilitation Act. Title II of the ADA stipulates five major administrative duties:

1. Publicize the name and contact information of the designated ADA Coordinator responsible to oversee compliance;
2. Administer and write self-evaluation of the programmatic barriers in services offered by the state or local government;
3. Establish a complaint or grievance procedure to respond to complaints of noncompliance from the public;
4. Develop a transition plan if structural changes are necessary for achieving program accessibility; and
5. Retain the self-evaluation for three years.

While additional duties of an ADA Coordinator are not defined by law, the usual duties would require the attention of an experienced professional who can effectively handle a variety of responsibilities. The ADA coordinator should have a general understanding of the ADA and the legal requirements of the ADA. Duties most often include coordination and development of ongoing efforts for full ADA compliance, including administering ADA consultative services to agency/department management.

Other tasks may include:

- involvement in agency/department public outreach;
- developing processes for fulfillment of public requests for alternative formats, interpreting services and other communication access needs;
- coordinating and monitoring programmatic and physical barrier surveys and barrier removal;

- development of the required Transition Plan to remove accessibility barriers;
- assistance to the agency/department to facilitate policy formation and to review existing policies, such as reasonable accommodation for employees.
- establishing training programs for employees, including conducting training.

The following guidance information can be found on the Department of Justice website www.ada.gov.

ADA Best Practices Tool Kit for State and Local Governments- Chapter 2

ADA Coordinator, Notice & Grievance Procedure: Administrative Requirements Under Title II of the ADA

In this section, you will learn about the administrative requirements of Title II of the ADA, including the mandates to designate an ADA coordinator, give notice about the ADA's requirements, and establish a grievance procedure. Questions answered include:

- If the local government has fewer than 50 employees, do different requirements apply?
- What are the responsibilities of an ADA Coordinator?
- What are the benefits of having an ADA Coordinator?
- What are the requirements for providing notice of the ADA's provisions?
- How and where must you provide ADA notices?
- What is a grievance procedure?
- What must an ADA grievance procedure include?

A. Designating an ADA Coordinator

If a public entity has 50 or more employees, it is required to designate at least one responsible employee to coordinate ADA compliance. ¹ A government entity may elect to have more than one ADA Coordinator. Although the law does not refer to this person as an "ADA Coordinator," this term is commonly used in state and local governments across the country and will be used in this chapter.

The ADA Coordinator is responsible for coordinating the efforts of the government entity to comply with Title II and investigating any complaints that the entity has violated Title II. The name, office address, and telephone number of the ADA Coordinator must be provided to interested persons.

Common Question: Which employees count?

If a local government or other public entity has fewer than 50 employees, it is not required to appoint an ADA Coordinator or establish grievance procedures.

The number of employees is based on a government-wide total, including employees of each department, division, or other sub-unit. Both part-time and full-time employees count. Contractors are not counted as employees for determining the number of employees.

For example: Jones City has 30 full-time employees and 20 part-time employees. The employees include ten police department employees and eight fire department employees.

Jones City must have an ADA Coordinator and an ADA grievance procedure. The total number of employees is 50 because both full-time and part-time employees are counted. In addition, the police and fire departments are part of the city-wide employment pool, and the requirements for an ADA Coordinator and an ADA grievance procedure cover both of those departments.

¹ Department of Justice Nondiscrimination on the Basis of State and Local Government Services Regulations, 28 C.F.R. pt. 35, §35.107(a) (2005). See www.ada.gov/reg2.htm for the complete text of the Department of Justice's Title II regulation.

Benefits of an ADA Coordinator

There are many benefits to having a knowledgeable ADA coordinator, even for smaller public entities that are not required to have one.

For members of the public, having an ADA Coordinator makes it easy to identify someone to help them with questions and concerns about disability discrimination. For example, the ADA Coordinator is often the main contact when someone wishes to request an auxiliary aid or service for effective communication, such as a sign language interpreter or documents in Braille. A knowledgeable ADA Coordinator will be able to efficiently assist people with disabilities with their questions. She or he will also be responsible for investigating complaints.

Having an ADA Coordinator also benefits state and local government entities. It provides a specific contact person with knowledge and information about the ADA so that questions by staff can be answered efficiently and consistently. In addition, she or he coordinates compliance measures and can be instrumental in ensuring that compliance plans move forward. With the help of this Tool Kit, ADA Coordinators can take the lead in auditing the state or local government's programs, policies, activities, services, and facilities for ADA compliance.

An Effective ADA Coordinator

The regulations require state and local governments with 50 or more employees to designate an employee responsible for coordinating compliance with ADA requirements. Here are some of the qualifications that help an ADA Coordinator to be effective:

- familiarity with the state or local government's structure, activities, and employees
- knowledge of the ADA and other laws addressing the rights of people with disabilities, such as Section 504 of the Rehabilitation Act, 29 U.S.C. § 794
- experience with people with a broad range of disabilities
- knowledge of various alternative formats and alternative technologies that enable people with disabilities to communicate, participate, and perform tasks
- ability to work cooperatively with the local government and people with disabilities
- familiarity with any local disability advocacy groups or other disability groups
- skills and training in negotiation and mediation
- organizational and analytical skills

B. Notice of the ADA's Provisions

The second administrative requirement is providing public notice about the ADA.² There are three main considerations for providing notice:

1. Who is the target audience for the ADA notice?
2. What information shall the notice include?
3. Where and how should the notice be provided?

Regardless of Size, the ADA Notice Requirement Applies

The ADA notice requirement applies to ALL state and local governments covered by title II, even localities with fewer than 50 employees.

² 28 C.F.R § 35.106.

1. Who is the target audience for the ADA notice?

The target audience for public notice includes applicants, beneficiaries, and other people interested in the state or local government's programs, activities, or services. **The audience is expansive, and includes everyone who interacts – or would potentially interact – with the state or local government.**

Examples of the Target Audience for the ADA Notice

- a recipient of social services, food stamps, or financial assistance provided by the state or local government
- an applicant for a public library card
- a public transit user
- a person who uses the county recreation center
- a grandmother attending her grandchild's high school graduation in a city park
- a member of a citizen's advisory committee
- a recipient of a grant from the state or local government
- a citizen who wants to participate in a town council meeting
- a person adopting a dog from the local public animal shelter

2. What information shall the notice include?

The notice is required to include relevant information regarding Title II of the ADA, and how it applies to the programs, services, and activities of the public entity.

The notice should not be overwhelming. **An effective notice states the basics of what the ADA requires of the state or local government without being too lengthy, legalistic, or complicated. It should include the name and contact information of the ADA Coordinator.**

This chapter contains a model "Notice Under the Americans with Disabilities Act" created by the Department of Justice. It is a one page document in a standard font, and includes brief statements about:

- employment,
- effective communication,
- making reasonable modifications to policies and programs,
- not placing surcharges on modifications or auxiliary aids and services, and
- filing complaints.

The model notice is included at the end of this chapter.

3. How and where should the notice be provided?

It is the obligation of the head of the public entity to determine the most effective way of providing notice to the public about their rights and the public entity's responsibilities under the ADA.

Publishing and publicizing the ADA notice is not a one-time requirement. State and local governments should provide the information on an ongoing basis, whenever necessary. If you use the radio, newspaper, television, or mailings, re-publish and re-broadcast the notice period.

Some Ways to Provide Notice to Interested Persons

- Include the notice with **job applications**
- Publish the notice periodically in **local newspapers**

- Broadcast the notice in public service announcements on **local radio and television stations**
- Publish the notice on the government entity's **website** (ensure that the website is accessible)
- Post the notice **at all facilities**
- Include the notice in **program handbooks**
- Include the notice in **activity schedules**
- Announce the notice at **meetings** of programs, services, and activities
- Publish the notice as a **legal notice** in local newspapers
- Post the notice in bus shelters or other **public transit stops**

The information must be presented so that it is accessible to all. Therefore, it must be available in alternative formats.

Examples of Alternative Formats

- Audio tape or other recordings
- Radio announcements
- Large print notice
- Braille notice
- Use of a qualified sign language interpreter at meetings
- Open or closed-captioned public service announcements on television
- ASCII, HTML, or word processing format on a computer diskette or CD
- HTML format on an accessible website
- Advertisements in publications with large print versions

C. Establishing and Publishing Grievance Procedures

Local governments with 50 or more employees are required to adopt and publish procedures for resolving grievances arising under Title II of the ADA.³ Grievance procedures set out a system for resolving complaints of disability discrimination in a prompt and fair manner.

Neither Title II nor its implementing regulations describe what ADA grievance procedures must include. However, the Department of Justice has developed a model grievance procedure that is included at the end of this chapter.

The grievance procedure should include:

- a description of how and where a complaint under Title II may be filed with the government entity;
- if a written complaint is required, a statement notifying potential complainants that alternative means of filing will be available to people with disabilities who require such an alternative;

- a description of the time frames and processes to be followed by the complainant and the government entity;
- information on how to appeal an adverse decision; and
- a statement of how long complaint files will be retained.

Once a state or local government establishes a grievance procedure under the ADA, it should be distributed to all agency heads. Post copies in public spaces of public building and on the government's website. Update the procedure and the contact information as necessary. In addition, the procedure must be available in alternative formats so that it is accessible to all people with disabilities.

³ 28 C.F.R. § 35.107(b).

Common Question: Complaint Filing

If a person with a disability has a complaint about a public entity, is she or he required to file a complaint with the public entity before filing a complaint with the federal government?

No, the law does not require people who want to file an ADA complaint against a public entity with the federal government to file a complaint with the public entity first. However, it is often more efficient to resolve local problems at a local level.

D. Summing up: ADA Coordinator, Notice, and Grievance Procedures

If a state or local government has fewer than 50 employees, it is required to:

- adopt and distribute a public notice about the relevant provisions of the ADA to all people who may be interested in its programs, activities, and services.

If a state or local government has 50 employees or more, it is required to:

- adopt and distribute a public notice about the relevant provisions of the ADA to all persons who may be interested in its programs, activities, and services;
- designate at least one employee responsible for coordinating compliance with the ADA and investigating ADA complaints; and
- develop and publish grievance procedures to provide fair and prompt resolution of complaints under Title II of the ADA at the local level.

These administrative requirements help ensure that the needs of people with disabilities are addressed in the programs, activities, and services operated by a public entity. Having these requirements in place will not prevent all problems, but it will help you to address many questions and problems efficiently.



NOTICE UNDER THE AMERICANS
WITH DISABILITIES ACT

In accordance with the requirements of title II of the Americans with Disabilities Act of 1990 ("ADA"), the **[name of public entity]** will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities.

Employment: **[name of public entity]** does not discriminate on the basis of disability in its hiring or employment practices and complies with all regulations promulgated by the U.S. Equal Employment Opportunity Commission under title I of the ADA.

Effective Communication: **[Name of public entity]** will generally, upon request, provide appropriate aids and services leading to effective communication for qualified persons with disabilities so they can participate equally in **[name of public entity's]** programs, services, and activities, including qualified sign language interpreters, documents in Braille, and other ways of making information and communications accessible to people who have speech, hearing, or vision impairments.

Modifications to Policies and Procedures: **[Name of public entity]** will make all reasonable modifications to policies and programs to ensure that people with disabilities have an equal opportunity to enjoy all of its programs, services, and activities. For example, individuals with service animals are welcomed in **[name of public entity]** offices, even where pets are generally prohibited.

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of **[name of public entity]**, should contact the office of **[name and contact information for ADA Coordinator]** as soon as possible but no later than 48 hours before the scheduled event.

The ADA does not require the **[name of public entity]** to take any action that would fundamentally alter the nature of its programs or services, or impose an undue financial or administrative burden.

Complaints that a program, service, or activity of **[name of public entity]** is not accessible to persons with disabilities should be directed to **[name and contact information for ADA Coordinator]**.

[Name of public entity] will not place a surcharge on a particular individual with a disability or any group of individuals with disabilities to cover the cost of providing auxiliary aids/services or reasonable modifications of policy, such as retrieving items from locations that are open to the public but are not accessible to persons who use wheelchairs.

**[Name of public entity]
Grievance Procedure under
The Americans with Disabilities Act**

This Grievance Procedure is established to meet the requirements of the Americans with Disabilities Act of 1990 ("ADA"). It may be used by anyone who wishes to file a complaint alleging discrimination on the basis of disability in the provision of services, activities, programs, or benefits by the **[name of public entity]**. The **[e.g. State, City, County, Town]**'s Personnel Policy governs employment-related complaints of disability discrimination.

The complaint should be in writing and contain information about the alleged discrimination such as name, address, phone number of complainant and location, date, and description of the problem. Alternative means of filing complaints, such as personal interviews or a tape recording of the complaint, will be made available for persons with disabilities upon request.

The complaint should be submitted by the grievant and/or his/her designee as soon as possible but no later than 60 calendar days after the alleged violation to:

[Insert ADA Coordinator's name]
ADA Coordinator [and other title if appropriate]
[Insert ADA Coordinator's mailing address]

Within 15 calendar days after receipt of the complaint, **[ADA Coordinator's name]** or **[his/her]** designee will meet with the complainant to discuss the complaint and the possible resolutions. Within 15 calendar days of the meeting, **[ADA Coordinator's name]** or **[his/her]** designee will respond in writing, and where appropriate, in a format accessible to the complainant, such as large print, Braille, or audio tape. The response will explain the position of the **[name of public entity]** and offer options for substantive resolution of the complaint.

If the response by **[ADA Coordinator's name]** or **[his/her]** designee does not satisfactorily resolve the issue, the complainant and/or his/her designee may appeal the decision within 15 calendar days after receipt of the response to the **[City Manager/County Commissioner/ other appropriate high-level official]** or **[his/her]** designee.

Within 15 calendar days after receipt of the appeal, the **[City Manager/County Commissioner/ other appropriate high-level official]** or **[his/her]** designee will meet with the complainant to discuss the complaint and possible resolutions. Within 15 calendar days after the meeting, the **[City Manager/County Commissioner/ other appropriate high-level official]** or **[his/her]** designee will respond in writing, and, where appropriate, in a format accessible to the complainant, with a final resolution of the complaint.

All written complaints received by **[name of ADA Coordinator]** or **[his/her]** designee, appeals to the **[City Manager/County Commissioner/ other appropriate high-level official]** or **[his/her]** designee, and responses from these two offices will be retained by the **[public entity]** for at least three years.

ADA Update: A Primer for State and Local Governments (2015)
Downloaded from DOJ website https://www.ada.gov/regs2010/titleII_2010/title_ii_primer.html

ADA Coordinator, Grievance Procedure, Self-Evaluations, and Transition Plans

Public entities that have 50 or more employees are required to have a grievance procedure and to designate at least one responsible employee to coordinate ADA compliance. Although the law does not require the use of the term "ADA Coordinator," it is commonly used by state and local governments across the country. The ADA Coordinator's role is to coordinate the government entity's efforts to comply with the ADA and investigate any complaints that the entity has violated the ADA. The Coordinator serves as the point of contact for individuals with disabilities to request auxiliary aids and services, policy modifications, and other accommodations or to file a complaint with the entity; for the general public to address ADA concerns; and often for other departments and employees of the public entity. The name, office address, and telephone number of the ADA Coordinator must be provided to all interested persons.

ADA Best Practices Tool Kit for State and Local Governments

Downloaded from DOJ webpage: <https://www.ada.gov/pcatoolkit/toolkitmain.htm>

On December 5, 2006, February 27, 2007, May 7, 2007, and July 26, 2007, the Civil Rights Division of the U.S. Department of Justice issued installments of a new technical assistance document designed to assist state and local officials to improve compliance with Title II of the Americans with Disabilities Act (ADA) in their programs, services, activities, and facilities, entitled “The ADA Best Practices Tool Kit for State and Local Governments.”

The Tool Kit is designed to teach state and local government officials how to identify and fix problems that prevent people with disabilities from gaining equal access to state and local government programs, services, and activities. It will also teach state and local officials how to conduct accessibility surveys of their buildings and facilities to identify and remove architectural barriers to access.

The first and second installments of the ADA Tool Kit, issued December 5, 2006, include:

[About This Tool Kit \(HTML\)](#) | [\(PDF\)](#)

[Chapter 1, ADA Basics: Statutes and Regulations \(HTML\)](#) | [\(PDF\)](#)

[Chapter 2, ADA Coordinator: Notice and Grievance Procedure \(HTML\)](#) | [\(PDF\)](#)

[Chapter 2, Addendum: Title II Checklist \(HTML\)](#) |

The third and fourth installments, issued February 27, 2007, include:

[Chapter 3, General Effective Communication Requirements Under Title II of the ADA \(HTML\)](#) | [\(PDF\)](#)

[Chapter 3, Addendum: Title II Checklist \(HTML\)](#) | [\(PDF\)](#)

[Chapter 4, 9-1-1 and Emergency Communications Services \(HTML\)](#) | [\(PDF\)](#)

[Chapter 4, Addendum: Title II Checklist \(HTML\)](#) | [\(PDF\)](#)

The fifth and sixth installments, issued May 7, 2007, include:

[Chapter 5, Website Accessibility Under Title II of the ADA \(HTML\)](#) | [\(PDF\)](#)

[Chapter 5, Addendum: Title II Checklist \(HTML\)](#) | [\(PDF\)](#)

[Chapter 6, Curb Ramps and Pedestrian Crossings \(HTML\)](#) | [\(PDF\)](#)

[Chapter 6, Addendum: Title II Checklist \(HTML\)](#) | [\(PDF\)](#)

[Appendix 1, Survey Instructions: Curb Ramps \(HTML\)](#) | [\(PDF\)](#)

[Appendix 2, Survey Forms: Curb Ramps \(HTML\)](#) | [\(PDF\)](#)

The seventh installment of the Tool Kit, issued July 26, 2007, includes:

[Chapter 7, Emergency Management under Title II of the ADA \(HTML\)](#) | [\(PDF\)](#)

[Chapter 7, Addendum 1: Title II Checklist \(Emergency Management\) \(HTML\)](#) | [\(PDF\)](#)

[Chapter 7, Addendum 2: The ADA and Emergency Shelters: Access for All in Emergencies and Disasters \(HTML\)](#) | [\(PDF\)](#)

[Chapter 7, Addendum 3: ADA Checklist for Emergency Shelters \(HTML\)](#) | [\(PDF\)](#)

[Introduction to Appendices 1 and 2 \(HTML\)](#) | [\(PDF\)](#)

While state and local governments are not required to use the ADA Best Practices Tool Kit, the Department encourages its use as one effective means of complying with the requirements of Title II of the ADA.

APPENDIX F
CITY OF REDMOND WEBSITE

ADAScan β

Accessibility results for WWW.REDMOND.GOV

These results highlight opportunities to improve the accessibility of this web page. Only a subset of accessibility issues can be automatically detected so manual investigation is also encouraged.

We ran 69 checks, results are divided into four categories:

- 38 checks have passed.
- 24 checks do not apply to this URL.
- 6 checks should be corrected. (See below.)
- 1 check should be manually reviewed. (See below.)

We recommend you correct the following:

1. Elements must have sufficient color contrast

- **Impact:** Serious
- **HTML identified by this check:**
Read On...

2. Form elements should have a visible label

- **Impact:** Serious
- **HTML identified by this check:**
<input autocomplete="off" type="text" size="10" class="gsc-input" name="search" title="search" id="gsc-i-id1" placeholder="Custom Search" dir="ltr" spellcheck="false" style="width: 100%; padding: 0px; border: none; margin: 0px; height: auto; background: url("https://www.google.com/cse/static/images/1x/googlelogo_lightgrey_46x16dp.png") left center no-repeat rgb(255, 255, 255); text-indent: 48px; outline: none;" aria-label="Custom Search" data-ae-blurbtype="input" data-ae-form-field="true">

3. Form elements must have labels

- **Impact:** Critical
- **HTML identified by this check:**
<input type="email" name="email" id="email" placeholder="Your Email Address" aria-label="Your Email Address" data-ae-blurbtype="input" data-ae-form-field="true">

4. Page must not have more than one content info landmark

- **Impact:** Moderate

- **HTML identified by this check:**
`<html lang="en" class=" js no-flexbox canvas canvastext webgl no-touch geolocation postmessage websqldatabase indexeddb hashchange history draganddrop websockets rgba hsla multiplebgs backgroundsize borderimage borderradius boxshadow textshadow opacity cssanimations csscolumns cssgradients cssreflections csstransforms csstransforms3d csstransitions fontface generatedcontent video audio localstorage sessionstorage webworkers applicationcache svg inlinesvg smil svgclippaths">`

5. Page must contain a level-one heading

- **Impact:** Moderate
- **HTML identified by this check:**
`<html lang="en" class=" js no-flexbox canvas canvastext webgl no-touch geolocation postmessage websqldatabase indexeddb hashchange history draganddrop websockets rgba hsla multiplebgs backgroundsize borderimage borderradius boxshadow textshadow opacity cssanimations csscolumns cssgradients cssreflections csstransforms csstransforms3d csstransitions fontface generatedcontent video audio localstorage sessionstorage webworkers applicationcache svg inlinesvg smil svgclippaths">`

6. All page content must be contained by landmarks

- **Impact:** Moderate
- **HTML identified by this check:**
`<html lang="en" class=" js no-flexbox canvas canvastext webgl no-touch geolocation postmessage websqldatabase indexeddb hashchange history draganddrop websockets rgba hsla multiplebgs backgroundsize borderimage borderradius boxshadow textshadow opacity cssanimations csscolumns cssgradients cssreflections csstransforms csstransforms3d csstransitions fontface generatedcontent video audio localstorage sessionstorage webworkers applicationcache svg inlinesvg smil svgclippaths">`

We recommend you manually review the following:

1. Elements must have sufficient color contrast

- **Impact:** Serious
- **HTML identified by this check:**
`Our Stories. Our Redmond.`

APPENDIX G DISABILITY ETIQUETTE

DISABILITY ETIQUETTE

Everyone appreciates the use of appropriate etiquette. A basic understanding of disability etiquette can help make both the public and employees feel more comfortable when interacting with those who may have disabilities. Knowledge of disability etiquette in advance can help prevent awkward situations. Good disability etiquette can also help organizations serve their customers more effectively.

Disability etiquette refers to respectful communication and interaction with people who have disabilities. The principles of disability etiquette are simple. First and foremost, rely on common sense to guide your interactions with people with disabilities. Behave in the same courteous and respectful way with individuals with disabilities that you would with anyone else. Some points which will help ensure that staff use appropriate disability etiquette are:

Disability Language

Use language which recognizes that individuals are more than their disabilities. Rather than defining people primarily by their disability, use language which conveys respect by emphasizing the fact that people with disabilities are first and foremost a person like any other. Staff should use respectful language when communicating about disability issues, whether verbally or in writing.

It is important to note that in a few cases some people with disabilities may choose to use “disabled identity” language such as “disabled” or “autistic” when discussing themselves. However, how and when a person chooses to self-identify is up to them. The staff person with whom they are interacting should not repeat and emphasize the disabled identity term, but rather can continue to use language which could be applied to any person in general.

The terms “handicapped” and “wheelchair bound” are not acceptable terms to use today. Handicapped is a broad term that connotes helplessness, and the term “disabled” is more widely accepted. Wheelchairs allow freedom and mobility, rather than bind users to the chair. Therefore, “wheelchair user” or “wheelchair accessible” are more appropriate terms to use.

| Positive and Current Phrases for Disabilities | Negative Phrases for Disabilities |
|---|--|
| Person with an intellectual, cognitive, or developmental disability | Retarded Mentally defective |
| Person who is blind Person who is visually impaired | The blind |
| Person with a disability | The disabled Handicapped |
| Person who is deaf | The deaf Deaf and dumb |
| Person who is hard of hearing | Suffers a hearing loss |
| Person with multiple sclerosis | Stricken/Afflicted by MS |
| Person with cerebral palsy | CP victim |
| Person with epilepsy Person with a seizure disorder | Epileptic |

| | |
|--|--|
| Wheelchair user Person who uses a wheelchair | Wheelchair bound Confined to a wheelchair |
| Person with muscular dystrophy | Stricken/Afflicted by MD |
| Person with a physical disability | Crippled Lame Deformed |
| Person who is unable to speak | Dumb |
| Person who uses synthetic speech | Mute |
| Person with a psychiatric disability | Crazy Nuts |
| Person who is successful and productive | Has overcome his/her disability Is courageous (when it implies the person has courage because of having a disability) |
| Person in recovery from a substance abuse disorder | Addict/ Person with an addiction |

Don't initiate questions about disabilities.

Don't ask questions about a person's disability, unless it is brought up by the individual.

Don't underestimate the abilities of someone with a disability.

Many adults with disabilities have spent a considerable amount of time and financial investment to become independent and adjusting to a way of life. They understand what they are capable of and what their limitations are. For example, thinking of and labelling a disabled person as a "victim" takes away the person's power. It is more empowering to describe that person as a "survivor," one who has come through difficult emotional or physical trauma to lead a functional life. To some what may appear to be an empathetic statement like, "I am so sorry that has happened to you," can create feelings of resentment, sadness and regret.

Find common ground, not differences.

Find common areas in your communications with those who are differently abled. Common ground is the basis of all human connection. Focus on similarities, not differences.

If you offer assistance, wait until the offer is accepted.

Then listen to the person's response or, if necessary, ask for instructions. Helping before asking implies that you assume the person cannot help themselves. It is important to understand the person and his/her disability before expecting that you will be understood, that your offer is appropriate, or that your offer can be accepted. Occasionally offers of assistance can backfire because of a misperception or because the person is offended. Be mindful that your concern may not be appreciated due to unknown circumstances.

Speak directly to the person.

Be respectful and speak directly to the person before speaking to a caregiver or others accompanying them. Don't be afraid to ask questions when you are unsure of what to do. A person with a speech disability may not be able to respond quickly or at all, however, do not assume that they cannot understand. By approaching and speaking to the caregiver/companion first, the person with the disability can assume that you believe they are unequal or incapable, and the interaction is damaged immediately.

When introduced to a person with a disability, it is appropriate to offer to shake hands. People with limited hand use or who have artificial limbs can usually shake hands. Shaking hands with the left hand is also an acceptable greeting.

Treat adults as adults. Address people who have disabilities by their first names only when extending the same familiarity to all others.

RESOURCES:

Existing organizations can assist employers in educating employees about disability etiquette, and provide refresher sessions for etiquette skills.

Advice about human resource activities, such as how to conduct interviews with disabled applicants, is available at the Job Accommodation Network website. For links, copy and paste the following web addresses into a search engine:

Accessibility etiquette in the workplace: <https://askjan.org/topics/disetiqa.cfm>

Accessibility training: <https://askjan.org/events/Multimedia-Training-Microsite.cfm>

Local disability service providers or Centers for Independent Living staff may be available to provide in-person training on disability etiquette.



Memorandum

Date: 11/4/2024
Meeting of: City Council

File No. AM No. 24-165
Type: Consent Item

TO: Members of the City Council
FROM: Mayor Angela Birney
DEPARTMENT DIRECTOR CONTACT(S):

| | | |
|-------------------------------------|------------------|--------------|
| Technology and Information Services | Michael Marchand | 425-556-2173 |
|-------------------------------------|------------------|--------------|

DEPARTMENT STAFF:

| | | |
|-------------------------------------|---------------|----------------------------|
| Technology and Information Services | Maria O’Neill | Technology Project Manager |
|-------------------------------------|---------------|----------------------------|

TITLE:

Approval of a Change Order to the Contract with Aurigo Software Services, LLC, in the Amount of \$136,960, for the CIP Project and Portfolio Management Software Project

OVERVIEW STATEMENT:

This change order for the CIP Project and Portfolio Management Software project is needed to design, configure, and support the integration between Aurigo’s Masterworks and the City’s financial system, D365, and add optional services for bid management functionality.

The City and Aurigo completed discovery discussions to document the scope and cost to deliver an integration between Masterworks and D365. A decision on this integration was delayed while TIS explored our strategic approach to integrations.

Masterworks includes additional bid management features that are not part of the current project contract. The City wishes to explore the option of implementing these features after assessing them alongside the capabilities of a vendor collaboration portal in D365, which is currently in the requirements-gathering phase. This change order includes the costs for implementation and the first two years of support and maintenance for the bid management features.

Design and configuration of the D365 integration is estimated to extend the project timeline by one month. If the additional bid management features are approved, those will take an additional three months to implement.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

Receive Information **Provide Direction** **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Budget for this project is in the 2023-2024 BTIP
- **Required:**
Council approval is required to award a contract that exceeds \$50,000.
- **Council Request:**
N/A
- **Other Key Facts:**
N/A

OUTCOMES:

The integration between Masterworks and D365 allows for near real time data synchronization between the two systems. This integration reduces duplicate entry and increases the accuracy of reporting. The integration also allows for staff to have access to data for forecasting and creation of what-if scenarios for budgeting purposes.

The bid management features, if added, will automate currently manual tasks to calculate bid results on capital projects, and automate conversion of approved bids to a City contract.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
N/A
- **Outreach Methods and Results:**
N/A
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:

The approved budget for the CIP Project and Portfolio Management Software is \$1,195,000. The City has a contract with Aurigo for implementation at a cost of \$487,366. The one-time costs for the D365 integration are \$79,560. The optional bid management features include a one-time cost of \$28,000, with ongoing costs of \$29,400, bringing the total to \$136,960. Funding for this change order is within the existing approved project budget.

Approved in current biennial budget: **Yes** **No** **N/A**

Budget Offer Number:

BTIP

Budget Priority:

Vibrant and Connected

Other budget impacts or additional costs: **Yes** **No** **N/A**

If yes, explain:

Annual licensing and support for the optional bid management features are \$28,000 plus 3% yearly increase

Funding source(s):

BTIP funds

Budget/Funding Constraints:

N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

| Date | Meeting | Requested Action |
|-------------|--|-------------------------|
| 9/10/2024 | Committee of the Whole - Finance, Administration, and Communications | Provide Direction |
| 9/17/2024 | Business Meeting | Approve |

Proposed Upcoming Contact(s)

| Date | Meeting | Requested Action |
|-------------|----------------------------|-------------------------|
| N/A | None proposed at this time | N/A |

Time Constraints:

N/A

ANTICIPATED RESULT IF NOT APPROVED:

Staff will manually update information in both systems if the D365 integration is not approved. If the bidding functionality is not approved, the City will explore other options.

ATTACHMENTS:

Attachment A: CR-01 D365 Integration e-Bidding Portal-Optional



City of Redmond: Change Request-01 D365 Integration, e-Bidding Portal



Accepted: _____

Date : _____

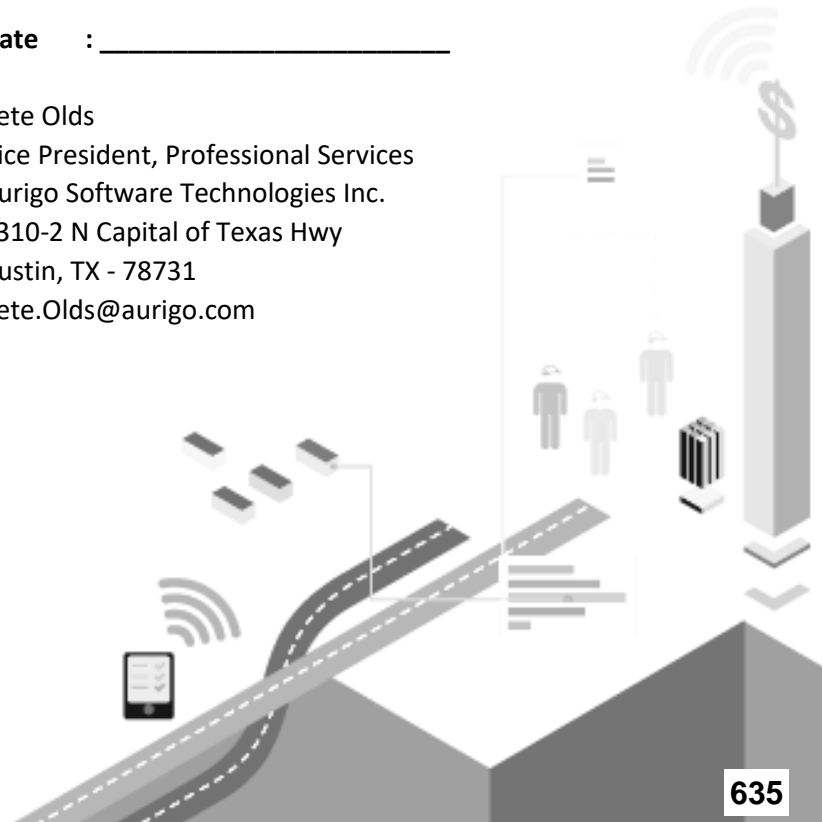
Maria O'Neil
Technology Project Manager
City of Redmond, WA

Accepted: _____

Date : _____



Pete Olds
Vice President, Professional Services
Aurigo Software Technologies Inc.
8310-2 N Capital of Texas Hwy
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Document Change Log

Current Version: 1.0

Revision History

| Version | Date | Description | Author |
|----------------|-------------|--|-----------------------|
| 1.0 | 10/15/2024 | Change Request for Scope inclusion of D365 Integration and optional inclusion of e- Bidding Portal | Madhavi Rachakonda |

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1 Introduction

Background

In September, 2024, City of Redmond, WA executed their contract for Aurigo’s modern SaaS, cloud-based Masterworks implementation for Project and Portfolio Management that allows internal users and external partners to access information, collaborate, and manage their projects more efficiently.

The City of Redmond utilizes Microsoft Dynamics 365 (D365) to streamline its business processes, including modules for finance, operations, human resources, and payroll. In September 2024, City of Redmond asked Aurigo to provide an integration service with their ERP system – MS Dynamics 365, to eliminate finance workflow process duplication. As part of the Integration Discovery that was completed in July-August 2024, Aurigo outlined the integration strategies and requirements for the City of Redmond's Masterworks implementation. It detailed the interfaces, assumptions, decisions, and investments required for each integration, ensuring a seamless and efficient process.

City of Redmond requested the documentation of a Change Request for D365 Integration and an optional scope of e-Bidding Portal.

2 Scope of this Change Request

The scope of this change request is:

- Bi-directional integration of Microsoft Dynamics 365 (D365) with mode of integration being OData based integration/Custom Services.
- Optional scope inclusion of e-Bidding Portal

2.1 References

N/A

2.2 In Scope

The following D365 integration touchpoints have been considered for this change request estimate:

2.2.1 Project Information and Project Budget (Uni-Directional)

CIP projects from various functional areas will be created in Masterworks. Every project will have phases: Preliminary, Design, ROW, Construction, Contingency, and Revenue. Funds and revenues will be added in Masterworks, captured at a global level, and then assigned to projects. Budgets will be created in Masterworks at the phase and task level. Items under phases are defined and then sent back to D365. The budget estimates will be created as sub-projects in D365. The benefit of this integration is to avoid dual entry of data, as projects in D365 will be created by the integration.

Use Case:

1. Send project details to D365 upon Project approval.
2. Send funds, Revenues, and Fund transactions allocated in the project to D365 once the Project funds are allocated in Masterworks, and project fund transactions are created.
3. Send approved budget estimates/current budgets to D365. D365 stores the estimate in this format: Project Code - Fund - Phase (Category - Item Name). Project budgets are created in Masterworks at the phase and task level, and then sent to D365 upon budget approval.

2.2.2 Project Actuals (Uni-Directional)

Purchase Requisitions are initiated in D365, and post approval, the Purchasing department creates Purchase Orders (PO) and provides the PO document to the vendor. The vendor then confirms the sale on the PO and provides services related to the purchase order. The current process for Construction POs involves DocuSign, where upon document approvals through DocuSign, the Construction PO gets created and goes to the Purchasing Department. Then, a pay estimate is created, which gets routed via DocuSign. Accounts Payable (AP) posts it in the invoice journal system, and once approved, the expense is generated. The expenses are of two types: Ledger Entry (Expense against PO) and Advanced Ledger Entry (project Expense). Labor expenses are an example of ALE. These POs will be pulled into Masterworks with Project Phase, Task, and fund information associated with them. Purchase orders are tied to a project and can have lines associated with multiple projects.

In Masterworks, construction POs will be created as contracts and pay estimates will be created within these contracts. These pay estimates can be converted to documents and routed via DocuSign. The

construction invoices will be based on the pay estimates. The ledger account uses a defined format that can be generated in Masterworks. Once the invoices are received, the ledger entry gets created, which is like an expense. Masterworks can process detailed expenses or summarized expenses. The city needs to define if they want detailed or summarized expenses to be pulled into Masterworks.

Use Case:

1. Get completed Purchase Orders from D365 to Masterworks.
2. Get pay invoices and Ledger Entries (Direct - PO Expense) from D365 to Masterworks.
3. Get Advanced Ledger Entries (ALE) to Masterworks (e.g., miscellaneous labor expenses).

2.2.3 Grants (Bi-Directional)

D365 will serve as the system of record for grants and the SEFA report (applicable for federally awarded grants). Masterworks will contain a subset of these grants and should pull the relevant data from D365. New grants can be created either in D365 or Masterworks, and they will be recorded as revenue for a project.

Once a grant is created in either MW or D365, a revenue forecast is generated in MW to determine the available amount for the project for that year and the fund sources. The grant is then allocated to the project and phase, and this information is sent over to D365.

Use Case:

1. New grants will be created either in MW or D365. However, since D365 is the system of record for grants, the grants will be pulled from D365 (apply filters to exclude non-CIP grants).
2. Workflow to associate and allocate grant money: Allocate the grant to the project and phase, then send it over to D365.
3. Send the invoices to D365 so that reimbursement can be processed in D365. Accounts receivable transactions will be made on these invoices.

2.2.4 Contracts

The construction contract document is routed to the contractor via DocuSign. After a certain approval flow, a purchase order is created. Once the purchase order is finalized, it becomes a contract in D365. The city uses a routing form for this activity. Masterworks has an extensive contract management module where contracts are created, contract items are added, pay estimates are created with start and end dates, and work done against the bid items is captured. This includes advance payments, adjustments, etc. These can be translated into an invoice based on defined rules, which is then sent to D365.

Use Case:

1. Send contract document via DocuSign to Purchasing Department for PO to be created in D365 - A contract is created in Masterworks. After the approval workflow, the contract details document is sent to purchase via DocuSign to be created as a purchase order.

The same process applies for contract change orders: execute the change order and send it through DocuSign so that the purchase order can be revised in D365.

2. Send Invoice data and document: Invoices should be generated from pay estimates in Masterworks. This data and the printed document of pay estimates should be sent to D365. The invoice would be generated based on defined rules and transformations, which need to be identified in detail.

3. Create purchase orders in D365 from Masterworks work orders (task orders in D365).

2.2.5 Revenue, What-if scenarios / Forecasting

Funds and revenues are housed in D365. Multiple revenues can contribute to a fund, and both revenues and funds are allocated to a project. These revenues will be pulled from D365 into Masterworks, which will serve as the system of record for “what-if” scenarios and reporting. There is no outbound data request from masterworks to D365 for What if scenarios / forecasting.

Use Case:

1. Pull all revenue and funds from D365 into Masterworks.

2.2.6 Project Schedule

Currently, the city and its contractors use Microsoft Project (MSP) for project scheduling. MSP is not being used for resourcing. Masterworks has the capability to configure schedule templates and export them in MSP format when needed. MSP schedules can be imported into Masterworks, and vice versa is also available.

Use Case:

1. Masterworks should allow MSP import and export features in the scheduling module.

2.2.7 Portfolio of Projects

Portfolios will be created in Masterworks, and reporting on the project portfolio will be configured in Masterworks. The current portfolio feature can be customized to meet customer requirements, such as adding milestones/stages like project initialization, predesign, etc.

Use Case: Not Applicable, as Portfolio and related reports will be housed in Masterworks.

2.2.8 Continuity Budget

In the detailed cost estimate template for a project, each phase has a contingency established. For example, contingencies with risk levels are set as follows: low - 20%, medium - 25%, high - 30%. Currently, contingency budgets are maintained in Excel by the city. Once a project is included in the CIP and budget estimates need to be set up, this Excel data is populated and used to create the budget estimate. Contingency budgets are defined separately; if a budget is short of funds, contingency money is used.

Use Case:

1. Contingencies will be created in Masterworks and sent over to D365. They should be detailed at the item level.

2.2.9 Personnel Information

Currently, personnel information, including staff on projects, position, and salary information, is stored in D365. The integration will bring this data from D365 and store it in Masterworks.

Use Case:

1. For cost estimates: Employee position and salary information will be brought into Masterworks from D365. Alternatively, depending on the functionality of the cost estimate templates in Masterworks, this information could “live” in Masterworks as a static rate based on position and be updated annually. Approach to be defined during Functional discussions.

2. For resource allocation: Employee position and role information will be brought in from D365 and updated on a regular frequency (not in real-time) from D365.

2.3 Optional Scope

This is the optional scope that City of Redmond may want to include for e-Bidding Portal:

| Deliverables | Scope | Scope Detail |
|----------------------|---|---|
| Configuration | | |
| Templates | Provisioning of the best practice out-of-the-box library templates. | <p>Preconfigured libraries to be provided:</p> <p>Bidding Templates</p> <ul style="list-style-type: none"> - Addendum Type - Checklist Activity - Checklist Stage - E-Bidding Legal Language - Engineer’s Estimate Range - Issuing Agent - Stakeholders Directory - Newspaper - Newspaper Type - Route Type - Surety Company - Surety Type - DBE/SBE Type - NAICS - Trades - Work Category - Business Type - Company Type - Contractors Details - Contractor's License Type - Contractor's WorkType - Enterprise Type |

| | | |
|----------------------------------|---|--|
| | | - Performance Rating Factor |
| | | - State |
| | | - Title VI |
| System Services | | |
| User Administration | Provisioning of the best practice out-of-the-box roles and permission settings. System Administrator training will present how to manage User Administration (e.g., new users, new roles, etc.). | Any additional configuration changes are to be performed by Client designated System Administrators. |
| Core Business Processes | Provisioning of the best practice out-of-the-box business processes. Each business process (listed in the next column) consists of a preconfigured Form. Most forms have a preconfigured workflow for submission and approval routing. It is recommended that these core business processes not be edited. All platform capabilities will be part of Core Business Processes. | e-Bidding Processes in Masterworks |
| | | Advertisement |
| | | Addendum |
| Configurable Business Processes | Provisioning of the best practice out-of-the-box business processes. Each business process (listed in the next column) consists of a preconfigured Form. Most forms have a preconfigured workflow for submission and approval routing. Configuration changes can be made to the business process/forms listed here, the type of configuration changes and the number of business processes/forms where the changes can be done are listed in the "Business Process Configuration" section | Pre-bid Meeting Log |
| | | Subcontractors and Suppliers Approval |
| | | Certificate of Eligibility |
| | | Checklists |
| | | Bidding Documents (folder) |
| | | Public Portal |
| | | Contract Bulletins |
| | | Active and Awarded Contracts |
| Business Processes Configuration | Changes to up to five (5) of the forms for the e-Bidding business processes identified above. Changes include adding data fields, reordering fields, and modifying field captions. | All Business Processes: RVM sessions, Business Requirements Specification documentation, and configuration change for Forms and Workflows. |
| Business Processes Development | Development of up to two (2) new business processes. Each business process (listed in the next column or identified during requirement | RVM sessions, Business Requirements Specification documentation, and configuration change for Forms and Workflows. |
| | | New Processes to be Developed: |

| | | |
|--|---|---|
| | sessions) will include a form and a workflow (if applicable) | Up-to two (2) new forms |
| Dashboards and Reports | Provisioning of out-of-the-box best practice reports & dashboards. | Out-of-the-box Bidding Dashboards and Reports: |
| | | Project Level Reports |
| | | Enterprise Level Reports |
| | | Active and Awarded Contract Summary |
| | | Contracts Awarded |
| | | Contracts for Approval |
| | | Subcontractor and Suppliers Report |
| | | Project Level Reports |
| | | Addendums |
| | | Awarded Bidder Details Report |
| | | Bid Advertisement Report |
| New Dashboards and Reports | Development of new Dashboard and Reports (listed in the next column or identified during requirement sessions). | New Reports & Dashboards: Up to two new (2) reports or dashboards |
| DocuSign Configuration | Configuration services to connect Client to prebuilt DocuSign connector. | Up to forty (40) hours of integration configuration support and testing. |
| Uploaded Documents in e-Bidding Portal | Documents to be uploaded in e-Bidding Portal and can be downloaded by contractors. | The e-Bidding Portal will provide access to downloadable PDFs of plans, specifications, and any addendums or memorandums. It will also include specific forms and templates required by the City for project bids, with the capability to regularly update them in line with standards. Contractors can view and download all necessary documents directly from the portal. |

2.4 Schedule Impact

D365 integration will add 1 month to the original schedule and e-Bidding Portal may add three months to the original schedule, if selected. The project manager will come up with a baseline schedule during project planning phase and will take these potential extensions into consideration.

2.5 Assumptions

- If there are more integration touchpoints discovered later during the requirements phase, there may be a change in scope and CR cost estimate.
- This change request documents both D365 integration and e-Bidding Portal. However, the City of Redmond has an option to implement e-Bidding portal, approval of this CR will only add D365 integration to the scope. A further approval is needed from City of Redmond to implement e-Bidding Portal.
- Any further changes to the scope and/or schedule will warrant a new CR.
- There is no requirement of data migration or integration, as per the discussions Aurigo had with City of Redmond.

3 Pricing & Payment Terms

3.1 Pricing Summary

Here are the ROM efforts for all the integration touchpoints between MS Dynamics D365 and Masterworks:

| Interface | Data flow | Type | Total (Hrs.) |
|--------------------------------------|----------------------------------|------------------------|--------------|
| D365 - Project Information | Masterworks --> D365 | Odata/JSON Based | 33 |
| D365 - Project Funds and Transaction | Masterworks --> D365 | Odata/JSON Based | 30 |
| D365 - Project Budget | Masterworks --> D365 | Odata/JSON Based | 45 |
| D365 - Project Actuals | Masterworks <-- D365 | Odata/JSON Based | 60 |
| D365 - Grants | Masterworks <--> D365 | Odata/JSON Based | 80 |
| D365 - Contracts | Masterworks --> D365 | Odata/JSON Based | 100 |
| D365 - Revenue | Masterworks <-- D365 | Odata/JSON Based | 40 |
| D365 - Project Schedule | Masterworks <--> MS Project File | File Import and Export | 0 |
| D365 - Contingency Budget | Masterworks --> D365 | Odata/JSON Based | 30 |
| D365 - Personnel information | Masterworks <-- D365 | Odata/JSON Based | 50 |
| Total Level of Effort (Hours) | | 468 | |
| Total Cost | | \$ 79,560.00 | |

The price of the D365 Integration CR is \$79,560.00.

3.2 Pricing Summary

| Description | Cost |
|---|----------|
| Masterworks e-Bidding Portal (Optional) | \$28,000 |
| D365 Integration | \$79,560 |

3.3 Subscription Payment Milestones

| Year | Type | Payment Description | Amount | Invoice Frequency |
|------|------------------------------|---------------------|----------|--|
| 1 | Masterworks e-Bidding Portal | 100% of Cost | \$28,000 | Annually with subscription license renewal (9/19/2025) |
| 2 | Masterworks Bidding Portal | 100% of Cost | \$28,000 | Annual invoice 9/19/2026 |

3.4 Services Payment Milestones

The following new payment milestones will be added to the SOW:

| # | Payment Milestone Description | Amount | Invoice Frequency |
|---|--|-------------|-------------------|
| 1 | Technical Specification for D365 Integration | \$26,520.00 | On Approval |
| 2 | Development of D365 Integration | \$26,520.00 | On Completion |
| 3 | System Integration Testing Completion | \$26,520.00 | On Completion |

3.5 Payment Terms

- The Masterworks Bidding Portal annual rate is due with the year 2 annual subscription invoice and every anniversary thereafter.
- The prices quoted are exclusive of any taxes.
- Net 30 Days.

4 Next Steps

Aurigo will submit the CR through City of Redmond Technology PM and request review and approval.



Memorandum

Date: 11/4/2024
Meeting of: City Council Special Meeting

File No. AM No. 24-166
Type: Public Hearing

TO: Members of the City Council
FROM: Mayor Angela Birney
DEPARTMENT DIRECTOR CONTACT(S):

| | | |
|---------|----------------|--------------|
| Finance | Kelley Cochran | 425-556-2748 |
|---------|----------------|--------------|

DEPARTMENT STAFF:

| | | |
|---------|---------------|-------------------------|
| Finance | Haritha Narra | Deputy Finance Director |
|---------|---------------|-------------------------|

TITLE:
Public Hearing on the Preliminary 2025-2026 Biennial Budget

OVERVIEW STATEMENT:

This is the final of four public hearings related to the 2025-2026 biennial budget. The purpose of this public hearing is to gather public comments on the preliminary 2025-2026 biennial budget. Public Hearings are a chance for Council and staff to hear the priorities of the community as a budget is developed for the next biennium.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

Receive Information **Provide Direction** **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
N/A
- **Required:**
Public hearings are required under Revised Code of Washington (RCW) 84.55 and RCW 35.34 allowing the community to give public testimony on the upcoming budget.

This public hearing on the preliminary 2025-2026 biennial budget is required under RCW 35.34.090: The legislative body or a committee thereof shall schedule hearings on the budget or parts thereof, and may require the presence of department heads to give information regarding estimates and programs.

The City is required to hold at least three public hearings during the budget development process: 1) property tax levy and other revenue sources; 2) preliminary budget; and 3) final budget. Because the Capital Improvement Program and Business Technology Investment Program are critical components of the budget development process, an additional public hearing is dedicated to these programs.

- **Council Request:**
N/A
- **Other Key Facts:**
N/A

OUTCOMES:

Public hearings provide a formal opportunity for public testimony regarding the preliminary 2025-2026 biennial budget.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**

On July 16, 2024, the first public hearing on the 2025-2026 biennial budget was held. This public hearing provided an opportunity for the community to share feedback on the proposed 2025-2030 Capital Investment Program and Business Technology Investment program, the first two years of which will be incorporated into the 2025-2026 biennial budget that is currently being developed.

On October 1, 2024, the second public hearing on the 2025-2026 biennial budget was held. This public hearing provided an opportunity for the community to share feedback regarding the proposed tax and fee increases in the preliminary 2025-2026 biennial budget.

On October 15, 2024, a third public hearing on the preliminary 2025-2026 biennial budget was held. This public hearing provided an opportunity for the community to share feedback regarding the preliminary 2025-2026 biennial budget.

Members of the community have also been able to submit comments via email to budget@redmond.gov <mailto:budget@redmond.gov>.

A community questionnaire for the 2025-2026 biennial budget was also open August 5-September 20, 2024.

- **Outreach Methods and Results:**

The public hearings were noticed in The Seattle Times, the Redmond City Hall Lobby, and on <https://www.redmond.gov/1202/Public-Hearing-Notices>.

The Budget Questionnaire was posted on the Let's Connect Redmond platform. It was promoted on eNews, Facebook, Twitter, and Nextdoor, as well as in the Parks & Rec newsletter and the Plans, Policies, and Regulations newsletter.

- **Feedback Summary:**

Comments from public hearings and received via email are being compiled into a matrix.

A total of 157 responses were submitted for the community questionnaire.

BUDGET IMPACT:

Total Cost:
N/A

Approved in current biennial budget: Yes No N/A

Budget Offer Number:
N/A

Budget Priority:
N/A

Other budget impacts or additional costs: Yes No N/A
If yes, explain:
N/A

Funding source(s):
N/A

Budget/Funding Constraints:
N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

| Date | Meeting | Requested Action |
|-----------|--|---------------------|
| 2/13/2024 | Committee of the Whole - Finance, Administration, and Communications | Provide Direction |
| 2/27/2024 | Study Session | Provide Direction |
| 3/19/2024 | Committee of the Whole - Public Safety and Human Services | Provide Direction |
| 4/9/2024 | Committee of the Whole - Finance, Administration, and Communications | Provide Direction |
| 4/23/2024 | Study Session | Provide Direction |
| 5/28/2024 | Committee of the Whole - Parks and Environmental Sustainability | Provide Direction |
| 6/11/2024 | Committee of the Whole - Finance, Administration, and Communications | Provide Direction |
| 6/25/2024 | Study Session | Receive Information |
| 7/9/2024 | Committee of the Whole - Finance, Administration, and Communications | Receive Information |
| 7/9/2024 | Study Session | Provide Direction |
| 7/16/2024 | Business Meeting | Receive Information |
| 8/13/2024 | Committee of the Whole - Finance, Administration, and Communications | Receive Information |

| | | |
|------------|--|---------------------|
| 9/10/2024 | Committee of the Whole - Finance, Administration, and Communications | Receive Information |
| 9/24/2024 | Study Session | Receive Information |
| 10/1/2024 | Business Meeting | Receive Information |
| 10/8/2024 | Committee of the Whole - Finance, Administration, and Communications | Receive Information |
| 10/15/2024 | Business Meeting | Receive Information |
| 10/22/2024 | Special Meeting | Provide Direction |
| 10/29/2024 | Special Meeting | Provide Direction |

Proposed Upcoming Contact(s)

| Date | Meeting | Requested Action |
|-------------|-----------------|-------------------------|
| 11/12/2024 | Special Meeting | Provide Direction |

Time Constraints:

The final public hearing on the preliminary biennial budget must be on or before the first Monday in December.

ANTICIPATED RESULT IF NOT APPROVED:

N/A

ATTACHMENTS:

N/A



Memorandum

Date: 11/4/2024
Meeting of: City Council

File No. AM No. 24-167
Type: Staff Report

TO: Members of the City Council
FROM: Mayor Angela Birney
DEPARTMENT DIRECTOR CONTACT(S):

| | | |
|---------|----------------|--------------|
| Finance | Kelley Cochran | 425-556-2748 |
|---------|----------------|--------------|

DEPARTMENT STAFF:

| | | |
|---------|---------------|-------------------------|
| Finance | Haritha Narra | Deputy Finance Director |
|---------|---------------|-------------------------|

TITLE:
Third Quarter 2024 Financial Report

OVERVIEW STATEMENT:
Review the City’s financial performance from January 2023 through September 2024.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

Receive Information **Provide Direction** **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
N/A
- **Required:**
N/A
- **Council Request:**
N/A
- **Other Key Facts:**
N/A

OUTCOMES:
The key financial highlights from January 1, 2023, through September 30, 2024, include the following:

REVENUE:

Total revenue is 7.4%, or \$14.5 million, over the budget.

- **Property Tax** is 1.1%, or \$432,000, below target.
- **Sales & Use Tax** is 16.6%, or \$11.5 million, above target, partially due to increased wholesale and retail sales. While the main driver of this increase is development activity, there is a decline in 2024 compared to previous years. The total one-time sales tax from construction amounts to \$23.0 million.
- **Utility & Other Taxes** are 16.9%, or \$3.1 million, above target primarily due to increased electricity rates by Puget Sound Energy.
- **Development Permits and Fees** are 5.2%, or \$1.1 million, below target, due to a decrease in construction activity compared to previous years. Development fees were updated in 2024.
- **Business License Fees** are 19.5%, or \$2.1 million, below target in 2024 due to the timing of license renewals.
- **Other Revenues** are 87.0%, or \$6.0 million, above target due to high Annual Percentage Yield (APY) on short term investments.

EXPENDITURES:

- Total expenditures are 3%, or \$8.6 million, under the target.
- Spend rate for some departments is over/below the target:
 - **The Finance Department** is 9.0%, or \$989,000, under the target primarily due to position vacancies.
 - **The Fire Department** is 1.0%, or \$289,000, over the target primarily due to overtime driven by firefighter backfill while new recruits attend the Fire Academy.
 - **The Planning Department** is 11.0%, or \$3.2 million, under the target primarily due to position vacancies and reduced spending in travel and training.
 - **The Parks Department** is 4.0%, or \$1.1 million, under the target primarily due to the late opening of the Redmond Senior & Community Center.
 - **The TIS Department** is 4.0%, or \$700,000, under the target primarily due to timing of the annual subscription payments.
- **Capital Investment Program (CIP):** Total expenditures are at 61.6%, or \$216.0 million, below target, largely due to the delayed initiation of significant projects, including the Evans Creek Relocation project and CFD initiatives such as the Overlake Accessibility Improvements, Pedestrian and Bicycle Improvements, and the 150th Avenue Improvement project. This delay is primarily the result of postponed approvals from granting agencies regarding specifications, permits, and traffic control plans.
- **Business Technology Investment Program (BTIP):** Total expenditures are currently at 28.4%, or \$5.0 million, below target due to the delayed initiation of significant projects, including the Workforce Management and CIP Project/Portfolio Management tools.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
N/A
- **Outreach Methods and Results:**
N/A
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:
N/A

Approved in current biennial budget: Yes No N/A

Budget Offer Number:
N/A

Budget Priority:
Strategic and Responsive

Other budget impacts or additional costs: Yes No N/A

If yes, explain:
N/A

Funding source(s):
N/A

Budget/Funding Constraints:
N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

| Date | Meeting | Requested Action |
|------|--|------------------|
| N/A | Item has not been presented to Council | N/A |

Proposed Upcoming Contact(s)

| Date | Meeting | Requested Action |
|------|----------------------------|------------------|
| N/A | None proposed at this time | N/A |

Time Constraints:

N/A

ANTICIPATED RESULT IF NOT APPROVED:

N/A

ATTACHMENTS:

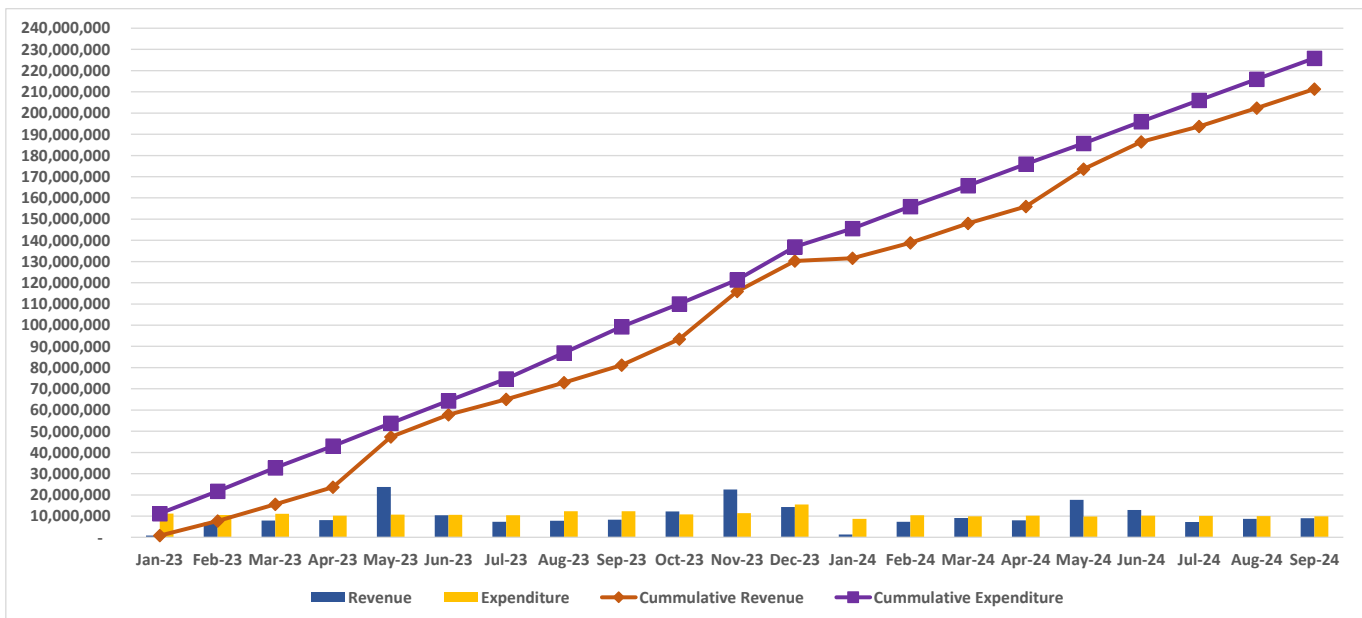
Attachment A: Third Quarter 2024 Financial Report

Attachment B: Third Quarter 2024 Financial Report Presentation

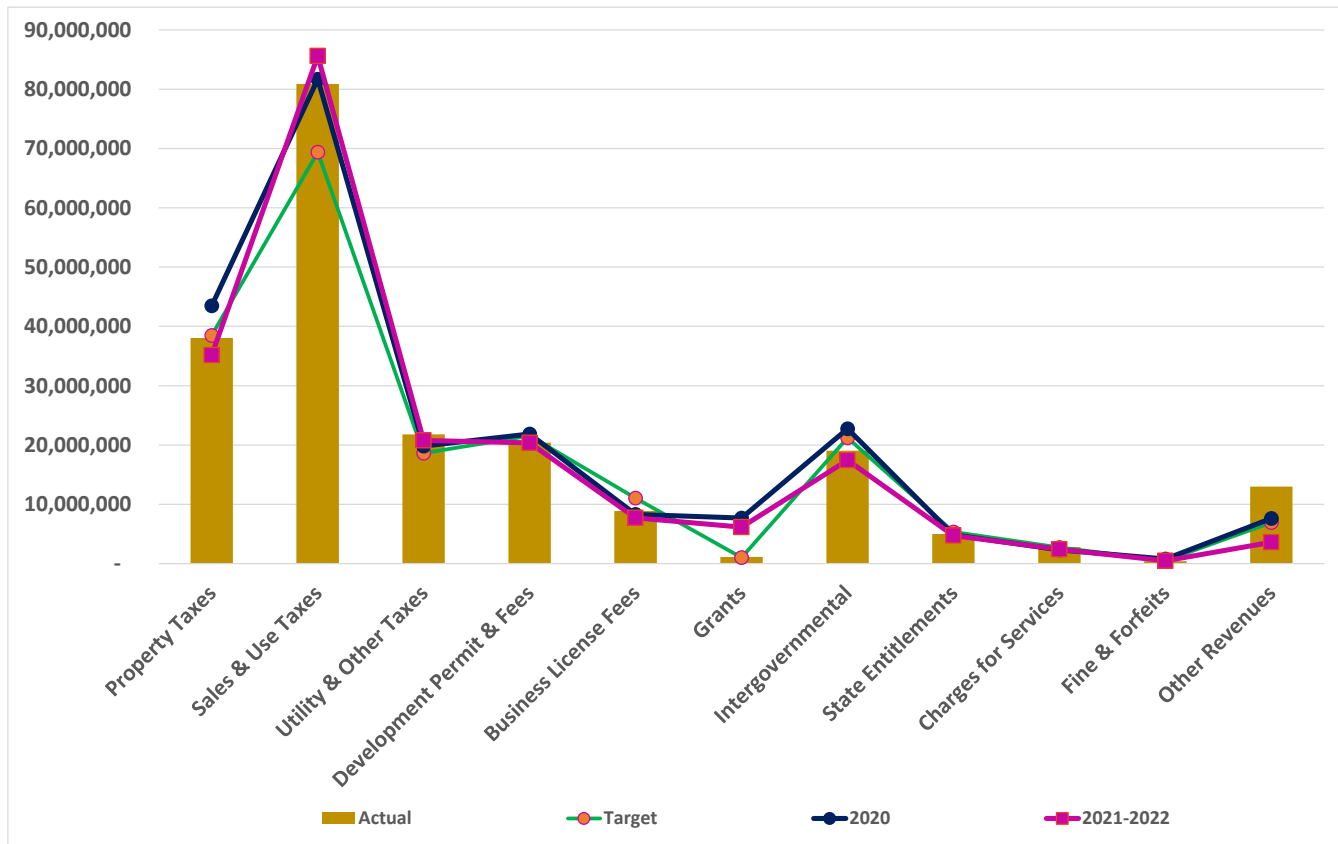
**2023-2024
GENERAL FUND CASHFLOW
as of September 2024**



| | Revenue Budget | Revenue Actual | Expenditure Budget | Expenditure Actual | Balance To Date | Balance Ongoing |
|------------|----------------|----------------|--------------------|--------------------|-----------------|-----------------|
| BegIn Bal. | - | - | - | - | - | 47,642,946 |
| Jan-23 | 9,821,305 | 805,021 | 11,801,156 | 11,236,555 | (10,431,534) | 37,211,412 |
| Feb-23 | 19,642,611 | 7,719,955 | 23,602,312 | 21,768,523 | (14,048,568) | 33,594,378 |
| Mar-23 | 29,463,916 | 15,581,073 | 35,403,469 | 32,840,623 | (17,259,551) | 30,383,395 |
| Apr-23 | 39,285,222 | 23,646,419 | 47,204,625 | 43,061,914 | (19,415,495) | 28,227,451 |
| May-23 | 49,106,527 | 47,358,568 | 59,005,781 | 53,762,566 | (6,403,998) | 41,238,948 |
| Jun-23 | 58,927,833 | 57,789,183 | 70,806,937 | 64,363,486 | (6,574,303) | 41,068,643 |
| Jul-23 | 68,749,138 | 65,100,616 | 82,608,093 | 74,719,029 | (9,618,413) | 38,024,533 |
| Aug-23 | 78,570,444 | 72,945,353 | 94,409,249 | 86,978,642 | (14,033,289) | 33,609,657 |
| Sep-23 | 88,391,749 | 81,224,526 | 106,210,406 | 99,263,747 | (18,039,221) | 29,603,725 |
| Oct-23 | 98,213,055 | 93,397,230 | 118,011,562 | 110,020,406 | (16,623,176) | 31,019,770 |
| Nov-23 | 108,034,360 | 115,981,100 | 129,812,718 | 121,406,154 | (5,425,054) | 42,217,892 |
| Dec-23 | 117,855,666 | 130,228,788 | 141,613,874 | 136,897,735 | (6,668,947) | 40,973,999 |
| Jan-24 | 127,676,971 | 131,545,757 | 153,415,030 | 145,596,002 | (14,050,246) | 33,592,700 |
| Feb-24 | 137,498,277 | 138,872,101 | 165,216,187 | 155,949,958 | (17,077,857) | 30,565,089 |
| Mar-24 | 147,319,582 | 147,992,055 | 177,017,343 | 165,798,271 | (17,806,216) | 29,836,730 |
| Apr-24 | 157,140,888 | 155,953,393 | 188,818,499 | 175,989,942 | (20,036,549) | 27,606,397 |
| May-24 | 166,962,193 | 173,600,364 | 200,619,655 | 185,746,123 | (12,145,759) | 35,497,187 |
| Jun-24 | 176,783,499 | 186,456,940 | 212,420,811 | 195,958,578 | (9,501,638) | 38,141,308 |
| Jul-24 | 186,604,804 | 193,674,460 | 224,221,967 | 206,036,547 | (12,362,086) | 35,280,860 |
| Aug-24 | 196,426,110 | 202,365,008 | 236,023,124 | 215,995,526 | (13,630,518) | 34,012,428 |
| Sep-24 | 206,247,415 | 211,340,804 | 247,824,280 | 225,886,711 | (14,545,907) | 33,097,039 |
| Oct-24 | 216,068,721 | | 259,625,436 | | - | |
| Nov-24 | 225,890,026 | | 271,426,592 | | - | |
| Dec-24 | 235,711,332 | | 283,227,748 | | - | |



**2023-2024
GENERAL FUND REVENUE BY CATEGORY
as of September 2024**



| CATEGORY | Budget | Target | Actuals | % over/(under) |
|------------------------------|----------------------|----------------------|----------------------|----------------|
| Property Tax | \$50,595,927 | \$38,478,354 | \$38,045,502 | -1.1% |
| Sales & Use Tax | 83,182,984 | 69,377,832 | 80,877,299 | 16.6% |
| Utility & Other Taxes | 21,236,489 | 18,632,902 | 21,775,704 | 16.9% |
| Development Permits and Fees | 24,446,061 | 21,539,309 | 20,412,130 | -5.2% |
| Business License Fees | 9,954,945 | 11,033,440 | 8,877,252 | -19.5% |
| Grants | 1,162,477 | 1,035,948 | 1,122,955 | 8.4% |
| Intergovernmental | 27,752,036 | 21,222,503 | 19,045,403 | -10.3% |
| State Entitlements | 6,020,038 | 5,340,272 | 5,005,752 | -6.3% |
| Charges for Services | 3,136,196 | 2,733,699 | 2,776,026 | 1.5% |
| Fine & Forfeits | 561,021 | 500,128 | 406,241 | -18.8% |
| Other Revenues | 7,663,158 | 6,951,066 | 12,996,541 | 87.0% |
| Total Revenue | \$235,711,332 | \$196,845,454 | \$211,340,804 | 7.4% |

2023-2024
ALL FUNDS CASH FLOW
as of September 2024



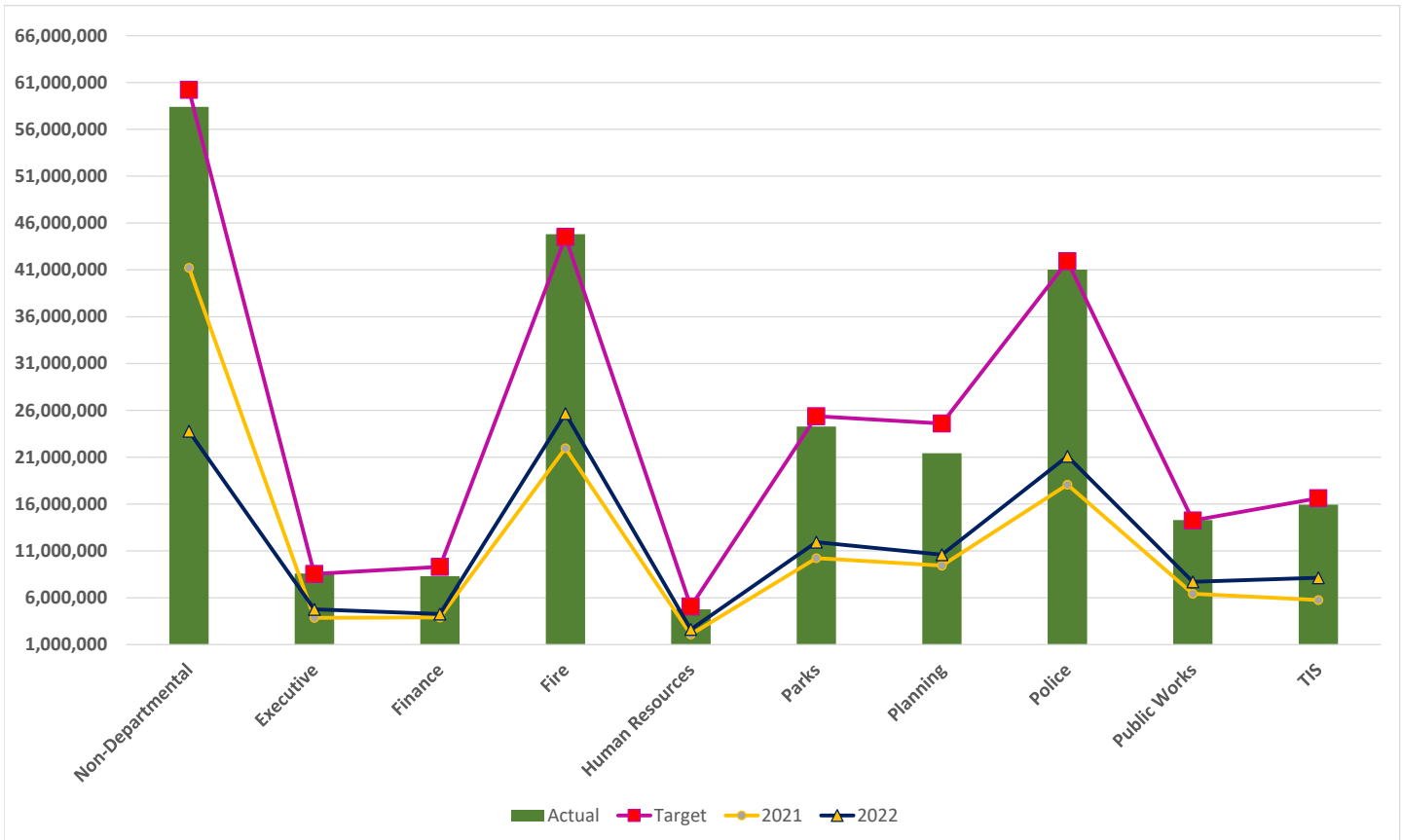
| Fund No. | Fund Name | Beginning Fund Balance | Actual Revenue | Actual Expenditure | Balance |
|--|---|------------------------|----------------------|----------------------|---------------------|
| 100 | General Fund | \$47,642,946 | \$211,343,441 | \$225,886,856 | \$33,099,531 |
| General Fund Sub-Funds | | | | | |
| 011 | Arts Activity | \$294,397 | \$488,390 | \$674,454 | \$108,333 |
| 012 | Parks Maintenance & Operations | 879,814 | 2,595,996 | 3,092,533 | 383,277 |
| 013 | Community Events | 155,848 | 962,784 | 918,537 | 200,095 |
| 019 | Human Services | 927,591 | 4,183,440 | 4,303,369 | 807,663 |
| 020 | Fire Equipment Reserves | 4,290,655 | 4,051,032 | 2,192,652 | 6,149,035 |
| 021 | Operating Reserves | 7,710,263 | 94,394 | 484,872 | 7,319,784 |
| 025 | COVID-19 Recovery | 9,564,843 | 257,054 | 7,409,568 | 2,412,329 |
| 027 | Capital Equipment Replacement Reserve | 2,318,063 | 4,815,956 | 4,001,465 | 3,132,555 |
| 030 | Business Tax | 6,377,845 | 12,142,111 | 11,144,547 | 7,375,409 |
| 031 | Real Property | 2,959,463 | 478,929 | 2,033,916 | 1,404,476 |
| 035/036 | Public Safety Levy | 787,017 | 10,854,526 | 12,280,645 | (639,101) |
| 037 | Parks Levy | 290,590 | 573,607 | 647,967 | 216,231 |
| 095 | Parks Maintenance Projects | 1,547,942 | 2,865,906 | 2,009,623 | 2,404,226 |
| 096 | Transportation Maintenance Projects | 9,603,219 | 8,189,715 | 8,467,209 | 9,325,725 |
| 099 | General Govt/Facilities Maint. Projects | 6,616,568 | 16,389,260 | 9,639,390 | 13,366,437 |
| Subtotal - General Fund Sub-Funds | | \$54,324,119 | \$68,943,100 | \$69,300,747 | \$53,966,472 |
| Grand Total General Fund | | \$101,967,065 | \$280,286,541 | \$295,187,603 | \$87,066,003 |
| Special Revenue Funds | | | | | |
| 110 | Recreation Activity | \$1,021,913 | \$5,470,287 | \$4,838,279 | \$1,653,921 |
| 115 | Development Staffing Agreements | 9,747,276 | 5,792,385 | 6,943,461 | 8,596,200 |
| 117 | Cable Access | 13,534 | 43,366 | 45,969 | 10,930 |
| 118 | Operating Grants | 1,387,370 | 690,395 | 1,296,857 | 780,909 |
| 122 | Advanced Life Support (ALS) | 612,387 | 16,489,094 | 18,129,437 | (1,027,956) |
| 124 | Aid Car Donation | 545,197 | 202,154 | 0 | 747,351 |
| 125 | Real Estate Excise Tax (REET) | 25,081,802 | 10,903,954 | 11,495,503 | 24,490,253 |
| 126 | Drug Enforcement | 34,344 | 88,065 | 0 | 122,409 |
| 131 | Tourism (Hotel/Motel Tax) | 957,177 | 1,149,345 | 870,638 | 1,235,883 |
| 140 | Solid Waste/Recycling | 1,237,715 | 2,419,063 | 2,474,136 | 1,182,641 |
| 150 | Transportation Benefit District (TBD) | 0 | 3,224,860 | 738,071 | 2,486,789 |
| Subtotal - Special Revenue Funds | | \$40,638,715 | \$46,472,966 | \$46,832,352 | \$40,279,329 |

2023-2024
ALL FUNDS CASH FLOW
as of September 2024



| Fund No. | Fund Name | Beginning Fund Balance | Actual Revenue | Actual Expenditure | Balance |
|--|--|------------------------|----------------------|----------------------|----------------------|
| Debt Service Funds | | | | | |
| 233 | Debt Service | \$258,153 | \$10,560,228 | \$6,729,262 | \$4,089,119 |
| | Subtotal - Debt Service Funds | \$258,153 | \$10,560,228 | \$6,729,262 | \$4,089,119 |
| Capital Investment Program (CIP) Funds | | | | | |
| 315 | Parks CIP | \$33,755,459 | \$22,061,730 | \$44,819,760 | \$10,997,429 |
| 316 | Transportation CIP | 48,967,792 | 27,838,286 | 13,705,180 | 63,100,898 |
| 319 | General Government CIP | 19,129,674 | 2,088,057 | 7,693,845 | 13,523,886 |
| | Subtotal - CIP Funds | \$101,852,925 | \$51,988,073 | \$66,218,785 | \$87,622,212 |
| Community Facilities District (CFD) Funds | | | | | |
| 361 | CFD 2014-1 | \$6,800,878 | \$144,207 | \$5,645 | \$6,939,440 |
| 362 | CFD 2016-1 | 9,135,888 | 773,332 | 282,933 | 9,626,287 |
| | Subtotal - CFD Funds | \$15,936,766 | \$917,539 | \$288,578 | \$16,565,727 |
| Enterprise Funds (Utilities) | | | | | |
| 401 | Water/Wastewater Operating | \$19,509,486 | \$85,988,750 | \$84,238,678 | \$21,259,558 |
| 402 | Novelty Hill Operating | 8,657,189 | 15,469,907 | 18,040,478 | 6,086,619 |
| 403 | Water CIP | 23,285,181 | 11,549,622 | 7,750,388 | 27,084,415 |
| 404 | Wastewater CIP | 3,231,010 | 5,140,725 | 7,082,699 | 1,289,036 |
| 405 | Stormwater Operating | 11,632,713 | 27,130,628 | 25,062,507 | 13,700,835 |
| 406 | Stormwater CIP | 46,378,185 | 10,533,086 | 2,620,850 | 54,290,421 |
| 407 | Novelty Hill Water CIP | 12,159,848 | 5,012,584 | 23,173 | 17,149,259 |
| 408 | Novelty Hill Wastewater CIP | 14,012,545 | 4,173,453 | 40,406 | 18,145,592 |
| | Subtotal - Enterprise Funds | \$138,866,158 | \$164,998,756 | \$144,859,179 | \$159,005,735 |
| Internal Service Funds | | | | | |
| 501 | Fleet Maintenance | \$4,197,155 | \$7,988,964 | \$7,134,708 | \$5,051,410 |
| 510 | Insurance Claims & Reserves | 1,280,630 | 5,545,103 | 5,388,013 | 1,437,720 |
| 511 | Medical Self Insurance | 5,852,074 | 29,847,940 | 26,677,768 | 9,022,246 |
| 512 | Workers' Compensation | 1,986,618 | 5,298,688 | 2,974,426 | 4,310,880 |
| 520 | Information Technology | 3,920,724 | 22,568,088 | 18,297,934 | 8,190,878 |
| | Subtotal - Internal Service Funds | \$17,237,200 | \$71,248,782 | \$60,472,849 | \$28,013,134 |
| Total - All Funds | | \$416,756,983 | \$626,472,886 | \$620,588,609 | \$422,641,260 |

**2023-2024
EXPENDITURE BY DEPARTMENT
as of September 2024**



| Department | Budget | Actual | Variance | % Expended | % (over)/under expected |
|--------------------------|----------------------|----------------------|---------------------|------------|-------------------------|
| Non-Departmental | \$68,816,464 | \$58,399,530 | \$10,416,935 | 85% | 3% |
| Executive | 9,764,663 | 8,587,507 | 1,177,156 | 88% | 0% |
| Finance | 10,617,227 | 8,300,961 | 2,316,266 | 78% | 9% |
| Fire | 50,872,981 | 44,803,154 | 6,069,827 | 88% | -1% |
| Human Resources | 5,786,162 | 4,768,944 | 1,017,218 | 82% | 5% |
| Parks | 29,002,166 | 24,281,107 | 4,721,059 | 84% | 4% |
| Planning | 28,123,330 | 21,421,983 | 6,701,348 | 76% | 11% |
| Police | 47,909,015 | 41,030,577 | 6,878,437 | 86% | 2% |
| Public Works | 16,273,915 | 14,293,093 | 1,980,822 | 88% | 0% |
| TIS | 19,005,969 | 15,928,614 | 3,077,355 | 84% | 4% |
| Total Expenditure | \$286,171,892 | \$241,815,470 | \$44,356,422 | 85% | 3% |

2023-2024
ALL FUNDS EXPENDITURE - BUDGET VS ACTUALS
as of September 2024



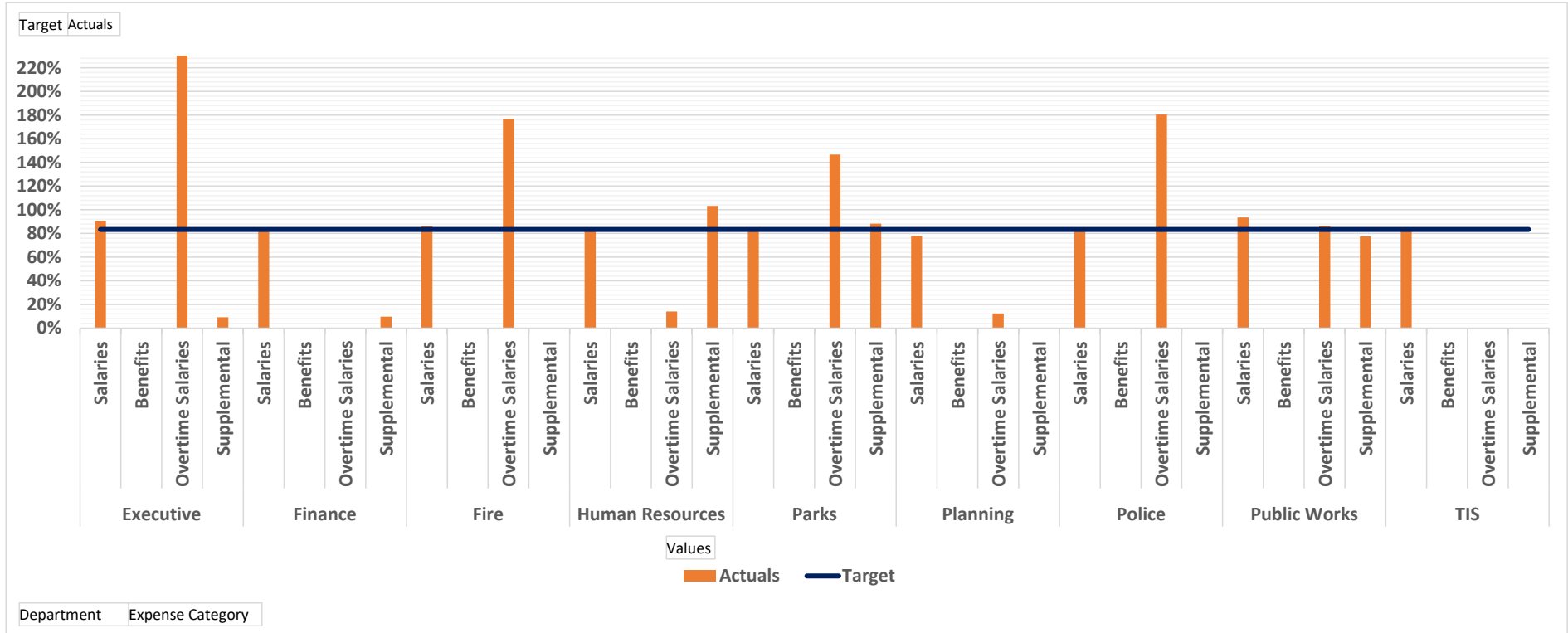
| Fund No. | Fund Name | Budget | Actual | Variance | % Expended | % Over/ Under |
|--|---|----------------------|----------------------|----------------------|---------------|------------------|
| 100 | General Fund | \$283,227,748 | \$225,886,856 | \$57,340,892 | 80% | 8% |
| General Fund Sub-Funds | | | | | | |
| 011 | Arts Activity | \$918,306 | \$674,454 | \$243,852 | 73% | 14% |
| 012 | Parks Maintenance & Operations | 4,557,148 | 3,092,533 | 1,464,615 | 68% | 20% |
| 013 | Community Events | 1,326,272 | 918,537 | 407,735 | 69% | 18% |
| 019 | Human Services | 6,152,101 | 4,303,369 | 1,848,733 | 70% | 18% |
| 020 | Fire Equipment Reserves | 8,246,436 | 2,192,652 | 6,053,784 | 27% | 61% |
| 021 | Operating Reserves | 7,810,263 | 484,872 | 7,325,390 | 6% | 81% |
| 025 | COVID-19 Recovery | 9,564,843 | 7,409,568 | 2,155,275 | 77% | 10% |
| 027 | Capital Equipment Replacement Reserve | 7,318,063 | 4,001,465 | 3,316,599 | 55% | 33% |
| 030 | Business Tax | 16,848,192 | 11,144,547 | 5,703,645 | 66% | 21% |
| 031 | Real Property | 3,203,759 | 2,033,916 | 1,169,843 | 63% | 24% |
| 035/036 | Public Safety Levy | 15,127,576 | 12,280,645 | 2,846,931 | 81% | 6% |
| 037 | Parks Levy | 1,075,565 | 647,967 | 427,598 | 60% | 27% |
| 095 | Parks Maintenance Projects | 4,911,865 | 2,009,623 | 2,902,242 | 41% | 47% |
| 096 | Transportation Maintenance Projects | 21,300,281 | 8,467,209 | 12,833,072 | 40% | 48% |
| 099 | General Govt/Facilities Maint. Projects | 22,721,014 | 9,639,390 | 13,081,624 | 42% | 45% |
| Subtotal - General Fund Sub-Funds | | \$131,081,685 | \$69,300,747 | \$61,780,937 | 53% | 35% |
| Grand Total General Fund | | \$414,309,433 | \$295,187,603 | \$119,121,830 | 71% | 16% |
| Special Revenue Funds | | | | | | |
| 110 | Recreation Activity | \$6,411,736 | \$4,838,279 | \$1,573,457 | 75% | 12% |
| 115 | Development Staffing Agreements | 13,657,559 | 6,943,461 | 6,714,098 | 51% | 37% |
| 117 | Cable Access | 85,634 | 45,969 | 39,665 | 54% | 34% |
| 118 | Operating Grants | 2,284,715 | 1,296,857 | 987,859 | 57% | 31% |
| 122 | Advanced Life Support (ALS) | 22,062,040 | 18,129,437 | 3,932,603 | 82% | 5% |
| 124 | Aid Car Donation | 685,445 | - | 685,445 | 0% | 88% |
| 125 | Real Estate Excise Tax (REET) | 39,101,802 | 11,495,503 | 27,606,299 | 29% | 58% |
| 126 | Drug Enforcement | 34,344 | - | 34,344 | 0% | 88% |
| 131 | Tourism (Hotel/Motel Tax) | 1,796,777 | 870,638 | 926,139 | 48% | 39% |
| 140 | Solid Waste/Recycling | 3,922,949 | 2,474,136 | 1,448,813 | 63% | 24% |
| 150 | Transportation Benefit District | 5,500,000 | 738,071 | 4,761,929 | 13% | 74% |
| Subtotal - Special Revenue Funds | | \$95,543,000 | \$46,832,352 | \$48,710,648 | 49% | 38% |

2023-2024
ALL FUNDS EXPENDITURE - BUDGET VS ACTUALS
as of September 2024



| Fund No. | Fund Name | Budget | Actual | Variance | % Expended | % Over/ Under |
|--|--|------------------------|----------------------|----------------------|------------|------------------|
| Debt Service Funds | | | | | | |
| 233 | Debt Service | \$12,151,625 | \$6,729,262 | \$5,422,363 | 55% | 32% |
| | Subtotal - Debt Service Funds | \$12,151,625 | \$6,729,262 | \$5,422,363 | 55% | 32% |
| Capital Investment Program (CIP) Funds | | | | | | |
| 315 | Parks CIP | \$61,423,591 | \$44,819,760 | \$16,603,831 | 73% | 15% |
| 316 | Transportation CIP | 82,168,884 | 13,705,180 | 68,463,703 | 17% | 71% |
| 319 | General Government CIP | 20,652,299 | 7,693,845 | 12,958,454 | 37% | 50% |
| | Subtotal - CIP Funds | \$164,244,774 | \$66,218,785 | \$98,025,988 | 40% | 47% |
| Community Facilities District (CFD) Funds | | | | | | |
| 361 | CFD 2014-1 | \$6,830,878 | \$5,645 | \$6,825,233 | 0% | 87% |
| 362 | CFD 2016-1 | 9,295,888 | 282,933 | 9,012,955 | 3% | 84% |
| | Subtotal - CFD Funds | \$16,126,766 | \$288,578 | \$15,838,188 | 2% | 86% |
| Enterprise Funds (Utilities) | | | | | | |
| 401 | Water/Wastewater Operating | \$113,231,239 | \$84,238,678 | \$28,992,561 | 74% | 13% |
| 402 | Novelty Hill Operating | 25,872,382 | 18,040,478 | 7,831,904 | 70% | 18% |
| 403 | Water CIP | 34,853,314 | 7,750,388 | 27,102,925 | 22% | 65% |
| 404 | Wastewater CIP | 12,560,997 | 7,082,699 | 5,478,298 | 56% | 31% |
| 405 | Stormwater Operating | 41,489,505 | 25,062,507 | 16,426,998 | 60% | 27% |
| 406 | Stormwater CIP | 56,392,436 | 2,620,850 | 53,771,586 | 5% | 83% |
| 407 | Novelty Hill Water CIP | 16,065,058 | 23,173 | 16,041,885 | 0% | 87% |
| 408 | Novelty Hill Wastewater CIP | 16,974,869 | 40,406 | 16,934,463 | 0% | 87% |
| | Subtotal - Enterprise Funds | \$317,439,800 | \$144,859,179 | \$172,580,621 | 46% | 42% |
| Internal Service Funds | | | | | | |
| 501 | Fleet Maintenance | \$12,606,415 | \$7,134,708 | \$5,471,707 | 57% | 31% |
| 510 | Insurance Claims & Reserves | 7,640,351 | 5,388,013 | 2,252,339 | 71% | 17% |
| 511 | Medical Self Insurance | 38,582,425 | 26,677,768 | 11,904,658 | 69% | 18% |
| 512 | Workers' Compensation | 7,399,021 | 2,974,426 | 4,424,595 | 40% | 47% |
| 520 | Information Technology | 28,965,194 | 18,297,934 | 10,667,260 | 63% | 24% |
| | Subtotal - Internal Service Funds | \$95,193,407 | \$60,472,849 | \$34,720,558 | 64% | 24% |
| | Total - All Funds | \$1,115,008,804 | \$620,588,609 | \$494,420,196 | 56% | 32% |

**2023-2024
GENERAL FUND AND TIS
SALARIES AND BENEFITS
as of September 2024**

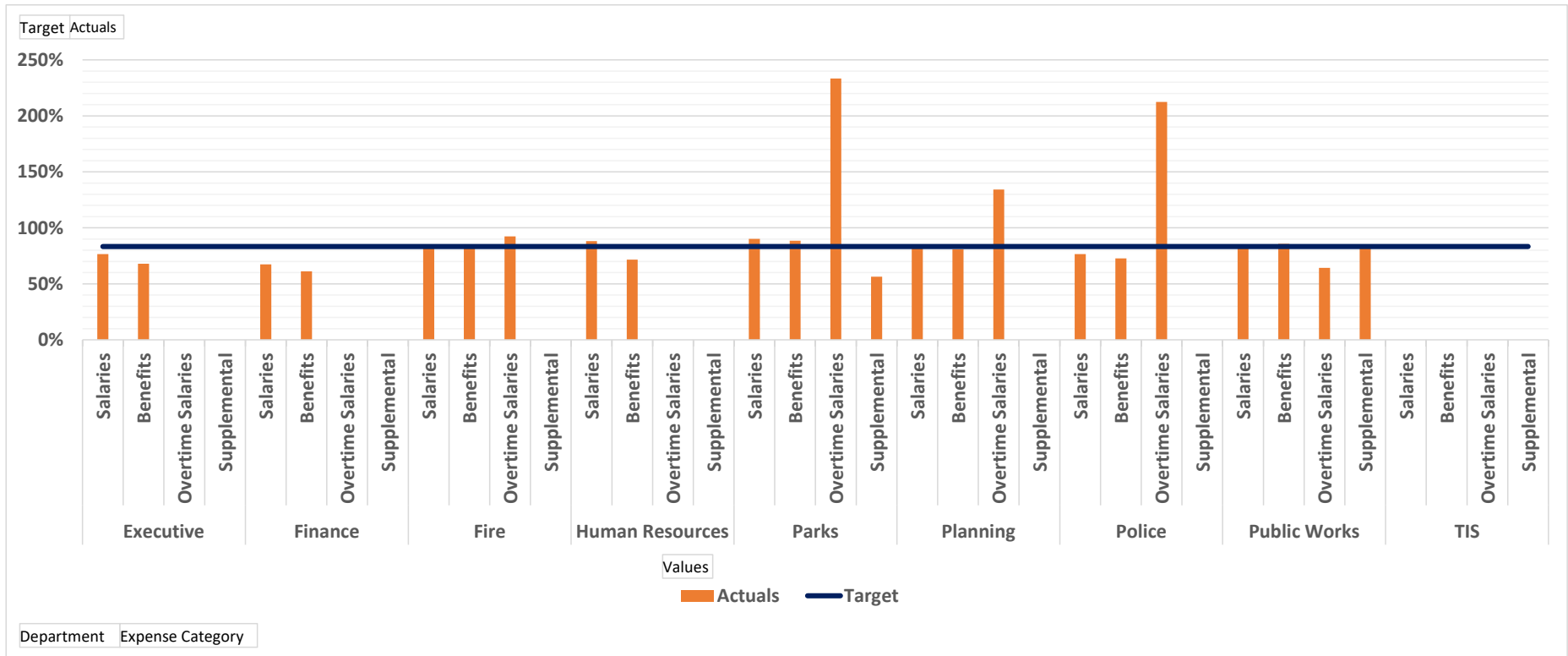


| Department | Expense Category | Budget | Actual | Variance | % Expended | expected |
|------------------------|-------------------|--------------------|--------------------|------------------|------------|------------|
| Executive | Salaries | \$5,733,626 | \$5,204,884 | \$528,742 | 91% | -3% |
| Executive | Benefits | 1,995,448 | 1,703,856 | 291,592 | 85% | 2% |
| Executive | Overtime Salaries | 2,400 | 5,687 | (3,287) | 237% | -149% |
| Executive | Supplemental | 105,000 | 9,607 | 95,393 | 9% | 78% |
| EXECUTIVE TOTAL | | \$7,836,474 | \$6,924,035 | \$912,439 | 88% | -1% |

| Department | Expense Category | Budget | Actual | Variance | % Expended | expected |
|------------------------------|-------------------|---------------------|---------------------|--------------------|------------|------------|
| Public Works | Salaries | \$6,038,556 | \$5,648,972 | \$389,585 | 94% | -6% |
| Public Works | Benefits | 2,488,095 | 2,150,139 | 337,956 | 86% | 1% |
| Public Works | Overtime Salaries | 346,033 | 299,090 | 46,943 | 86% | 1% |
| Public Works | Supplemental | 372,000 | 288,469 | 83,531 | 78% | 10% |
| PUBLIC WORKS TOTAL | | \$9,244,685 | \$8,386,669 | \$858,015 | 91% | -3% |
| Human Resources | Salaries | \$3,850,560 | \$3,263,500 | \$587,060 | 85% | 3% |
| Human Resources | Benefits | 1,190,712 | 1,063,982 | 126,730 | 89% | -2% |
| Human Resources | Overtime Salaries | 14,000 | 1,962 | 12,038 | 14% | 73% |
| Human Resources | Supplemental | 63,000 | 65,054 | (2,054) | 103% | -16% |
| HUMAN RESOURCES TOTAL | | \$5,118,272 | \$4,394,497 | \$723,775 | 86% | 2% |
| Finance | Salaries | \$6,612,813 | \$5,607,339 | \$1,005,474 | 85% | 3% |
| Finance | Benefits | 2,402,965 | 1,786,162 | 616,803 | 74% | 13% |
| Finance | Overtime Salaries | - | 27,577 | (27,577) | >100% | (>100%) |
| Finance | Supplemental | 211,406 | 20,462 | 190,944 | 10% | 78% |
| FINANCE TOTAL | | \$9,227,184 | \$7,441,539 | \$1,785,644 | 81% | 7% |
| TIS | Salaries | \$9,961,875 | \$8,362,277 | \$1,599,598 | 84% | 4% |
| TIS | Benefits | 3,326,512 | 2,707,925 | 618,587 | 81% | 6% |
| TIS | Overtime Salaries | - | 2,064 | (2,064) | >100% | (>100%) |
| TIS | Supplemental | - | - | - | | |
| TIS TOTAL | | \$13,288,387 | \$11,072,266 | \$2,216,121 | 83% | 4% |

| Department | Expense Category | Budget | Actual | Variance | % Expended | expected |
|-----------------------|-------------------|----------------------|----------------------|--------------------|------------|------------|
| Parks | Salaries | \$11,057,005 | \$9,402,367 | \$1,654,637 | 85% | 2% |
| Parks | Benefits | 4,060,041 | 3,701,377 | 358,664 | 91% | -4% |
| Parks | Overtime Salaries | 60,306 | 88,399 | (28,093) | 147% | -59% |
| Parks | Supplemental | 1,401,795 | 1,237,906 | 163,889 | 88% | -1% |
| PARKS TOTAL | | \$16,579,147 | \$14,430,049 | \$2,149,098 | 87% | 0% |
| Fire | Salaries | \$29,801,102 | \$25,667,861 | \$4,133,241 | 86% | 1% |
| Fire | Benefits | 12,210,857 | 10,327,720 | 1,883,137 | 85% | 3% |
| Fire | Overtime Salaries | 2,469,230 | 4,366,232 | (1,897,002) | 177% | -89% |
| Fire | Supplemental | - | - | - | | |
| FIRE TOTAL | | \$44,481,189 | \$40,361,813 | 4,119,376 | 91% | -3% |
| Police | Salaries | \$27,076,182 | \$22,417,073 | \$4,659,110 | 83% | 5% |
| Police | Benefits | 10,478,352 | 8,641,083 | 1,837,269 | 82% | 5% |
| Police | Overtime Salaries | 1,241,000 | 2,239,515 | (998,515) | 180% | -93% |
| Police | Supplemental | - | 19,657 | (19,657) | >100% | (>100%) |
| POLICE TOTAL | | \$38,795,534 | \$33,317,327 | 5,478,206 | 86% | 2% |
| Planning | Salaries | \$15,605,222 | \$12,177,522 | \$3,427,700 | 78% | 9% |
| Planning | Benefits | 5,738,309 | 4,150,080 | 1,588,229 | 72% | 15% |
| Planning | Overtime Salaries | 116,870 | 14,531 | 102,339 | 12% | 75% |
| Planning | Supplemental | - | 53,940 | (53,940) | >100% | (>100%) |
| PLANNING TOTAL | | \$21,460,401 | \$16,396,074 | \$5,064,327 | 76% | 11% |
| GRAND TOTAL | | \$166,031,273 | \$142,724,271 | 23,307,002 | 86% | 2% |

**2023-2024
ALL DEPARTMENTS (OTHER FUNDS)
SALARIES AND BENEFITS
as of September 2024**



| Department | Expense Category | Budget | Actual | Variance | % Expended | % (over)/under expected |
|------------------------|-------------------|------------------|------------------|---------------|------------|-------------------------|
| Executive | Salaries | \$250,884 | \$191,896 | 58,988 | 76% | 11% |
| Executive | Benefits | 84,855 | 57,649 | 27,206 | 68% | 20% |
| Executive | Overtime Salaries | - | - | - | - | - |
| Executive | Supplemental | - | - | - | - | - |
| EXECUTIVE TOTAL | | \$335,739 | \$249,545 | 86,194 | 74% | 13% |

| Department | Expense Category | Budget | Actual | Variance | % Expended | % (over)/under expected |
|------------------------------|-------------------|---------------------|---------------------|------------------|------------|-------------------------|
| Public Works | Salaries | \$18,961,015 | \$15,850,853 | 3,110,162 | 84% | 4% |
| Public Works | Benefits | 7,861,301 | 6,740,673 | 1,120,628 | 86% | 2% |
| Public Works | Overtime Salaries | 388,629 | 249,710 | 138,919 | 64% | 23% |
| Public Works | Supplemental | 392,000 | 329,478 | 62,522 | 84% | 3% |
| PUBLIC WORKS TOTAL | | \$27,602,945 | \$23,170,714 | 4,432,231 | 84% | 4% |
| Human Resources | Salaries | \$501,544 | \$442,446 | 59,098 | 88% | -1% |
| Human Resources | Benefits | 749,782 | 537,547 | 212,235 | 72% | 16% |
| Human Resources | Overtime Salaries | - | 8,102 | (8,102) | >100% | (>100%) |
| Human Resources | Supplemental | - | - | - | | |
| HUMAN RESOURCES TOTAL | | \$1,251,326 | \$988,095 | 263,231 | 79% | 9% |
| Finance | Salaries | \$287,385 | \$193,477 | 93,908 | 67% | 20% |
| Finance | Benefits | 95,715 | 58,519 | 37,196 | 61% | 26% |
| Finance | Overtime Salaries | - | - | - | | |
| Finance | Supplemental | - | - | - | | |
| FINANCE TOTAL | | \$383,100 | \$251,996 | 131,104 | 66% | 22% |
| Parks | Salaries | \$4,244,007 | \$3,830,380 | 413,627 | 90% | -3% |
| Parks | Benefits | 1,799,484 | 1,593,847 | 205,636 | 89% | -1% |
| Parks | Overtime Salaries | 38,060 | 88,792 | (50,732) | 233% | -146% |
| Parks | Supplemental | 1,116,636 | 629,407 | 487,229 | 56% | 31% |
| PARKS TOTAL | | \$7,198,186 | \$6,142,426 | 1,055,761 | 85% | 2% |

| Department | Expense Category | Budget | Actual | Variance | % Expended | % (over)/under expected |
|-----------------------|-------------------|---------------------|---------------------|-------------------|------------|-------------------------|
| Fire | Salaries | \$17,603,481 | \$14,766,125 | 2,837,356 | 84% | 4% |
| Fire | Benefits | 6,697,743 | 5,617,657 | 1,080,085 | 84% | 4% |
| Fire | Overtime Salaries | 3,927,983 | 3,625,225 | 302,758 | 92% | -5% |
| Fire | Supplemental | - | - | - | | |
| FIRE TOTAL | | \$28,229,207 | \$24,009,008 | 4,220,199 | 85% | 2% |
| Police | Salaries | \$4,568,376 | \$3,495,486 | 1,072,890 | 77% | 11% |
| Police | Benefits | 1,659,973 | 1,205,663 | 454,311 | 73% | 15% |
| Police | Overtime Salaries | 105,000 | 223,025 | (118,025) | 212% | -125% |
| Police | Supplemental | - | - | - | | |
| POLICE TOTAL | | \$6,333,349 | \$4,924,174 | 1,409,175 | 78% | 10% |
| Planning | Salaries | \$7,193,548 | \$6,123,537 | 1,070,011 | 85% | 2% |
| Planning | Benefits | 2,545,541 | 2,056,964 | 488,576 | 81% | 7% |
| Planning | Overtime Salaries | 40,000 | 53,680 | (13,680) | 134% | -47% |
| Planning | Supplemental | - | - | - | | |
| PLANNING TOTAL | | \$9,779,089 | \$8,234,182 | 1,544,907 | 84% | 3% |
| GRAND TOTAL | | \$81,112,941 | \$67,970,139 | 13,142,802 | 84% | 4% |

2023-2024
CAPITAL INVESTMENT PROGRAM
AND
BUSINESS TECHNOLOGY INVESTMENT PROGRAM
as of September 2024



| Fund No. | Fund Name | Beginning Fund Balance | Actual Revenue | Budget Expenditure | Actual Expenditure | Variance | % Expended | % Over/Under |
|--|---|------------------------|----------------------|----------------------|----------------------|---------------------|------------|--------------|
| General Government Capital Investment Program | | | | | | | | |
| 095 | Parks Major Maintenance | \$1,547,942 | \$2,865,906 | \$3,878,983 | \$2,009,623 | \$1,869,360 | 52% | 36% |
| 096 | Transportation Major Maintenance | 9,603,219 | 8,189,715 | 16,142,501 | 8,467,209 | 7,675,292 | 52% | 35% |
| 099 | General Government/Facilities Major Maintenance | 6,616,568 | 16,389,260 | 15,693,362 | 9,639,390 | 6,053,972 | 61% | 26% |
| 315 | Parks CIP | 33,755,459 | 22,061,730 | 45,444,967 | 44,819,760 | 625,207 | 99% | -11% |
| 316 | Transportation CIP | 48,967,792 | 27,838,286 | 36,583,083 | 13,705,180 | 22,877,903 | 37% | 50% |
| 319 | General Government/Facilities CIP | 19,129,674 | 2,088,057 | 14,744,003 | 7,693,845 | 7,050,158 | 52% | 35% |
| | Subtotal - General Government CIP Funds | \$119,620,654 | \$79,432,954 | \$132,486,899 | \$86,335,008 | \$46,151,891 | 65% | 22% |
| Utility Capital Investment Program | | | | | | | | |
| 403 | Water CIP | \$23,285,181 | \$11,549,622 | \$14,245,289 | \$7,750,388 | \$6,494,901 | 54% | 33% |
| 404 | Wastewater CIP | 3,231,010 | 5,140,725 | 6,149,840 | 7,082,699 | (932,859) | 115% | -28% |
| 406 | Stormwater CIP | 46,378,185 | 10,533,086 | 15,214,821 | 2,620,850 | 12,593,971 | 17% | 70% |
| 407 | Novelty Hill Water CIP | 12,159,848 | 5,012,584 | 499,574 | 23,173 | 476,401 | 5% | 83% |
| 408 | Novelty Hill Wastewater CIP | 14,012,545 | 4,173,453 | 30,990 | 40,406 | (9,416) | 130% | -43% |
| | Subtotal - Utility CIP Funds | \$99,066,770 | \$36,409,471 | \$36,140,514 | \$17,517,517 | \$18,622,997 | 48% | 39% |
| Business Technology Investment Program | | | | | | | | |
| 520 | Business Technology Investment Program (BTIP) | \$3,778,874 | \$5,833,076 | \$8,343,776 | \$2,369,320 | \$5,974,456 | 28% | 59% |
| | Subtotal - BTIP Fund | \$3,778,874 | \$5,833,076 | \$8,343,776 | \$2,369,320 | \$5,974,456 | 28% | 59% |
| | Total - CIP and BTIP Funds | \$222,466,297 | \$121,675,501 | \$176,971,189 | \$106,221,844 | \$70,749,345 | 60% | 27% |



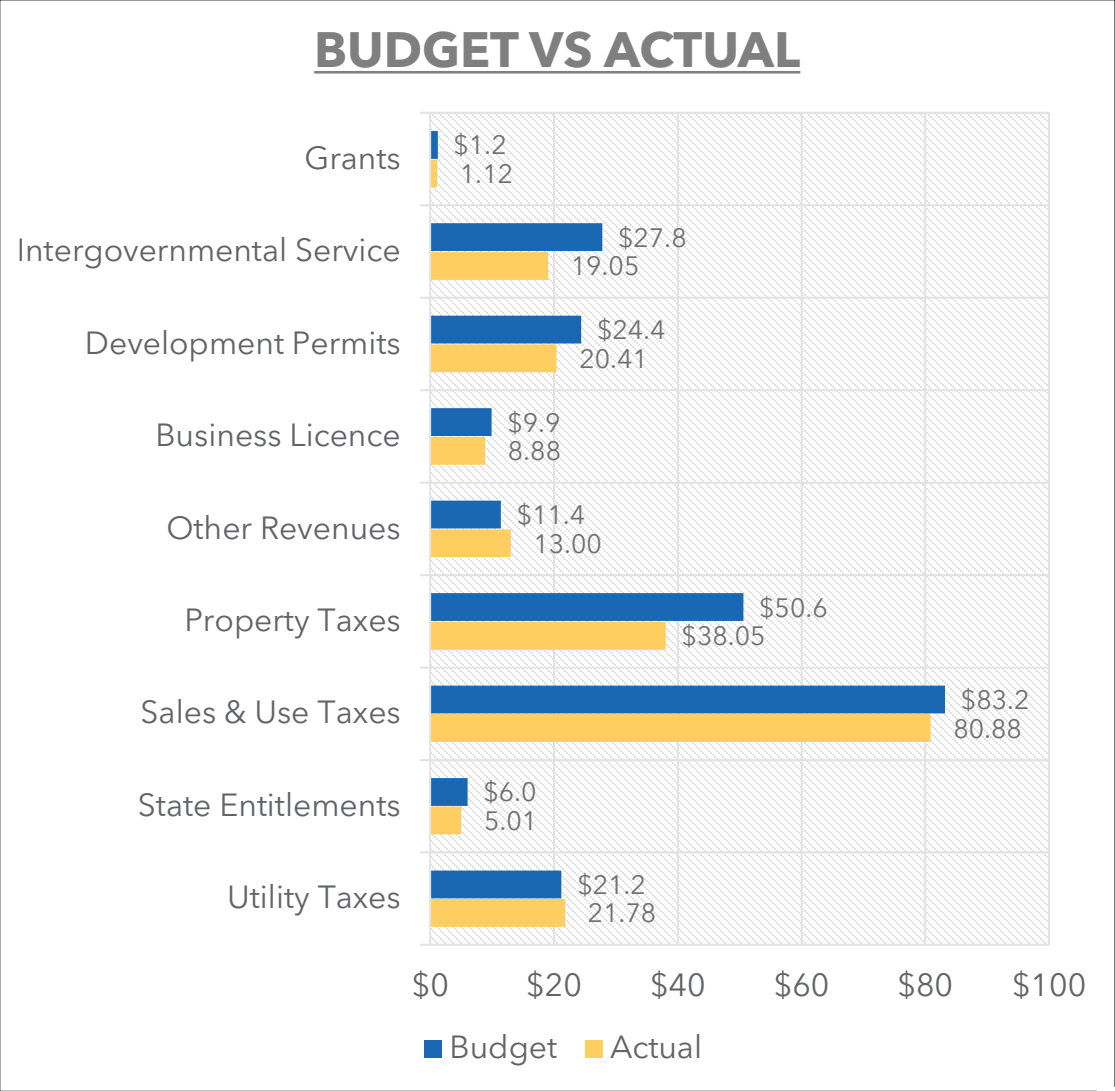
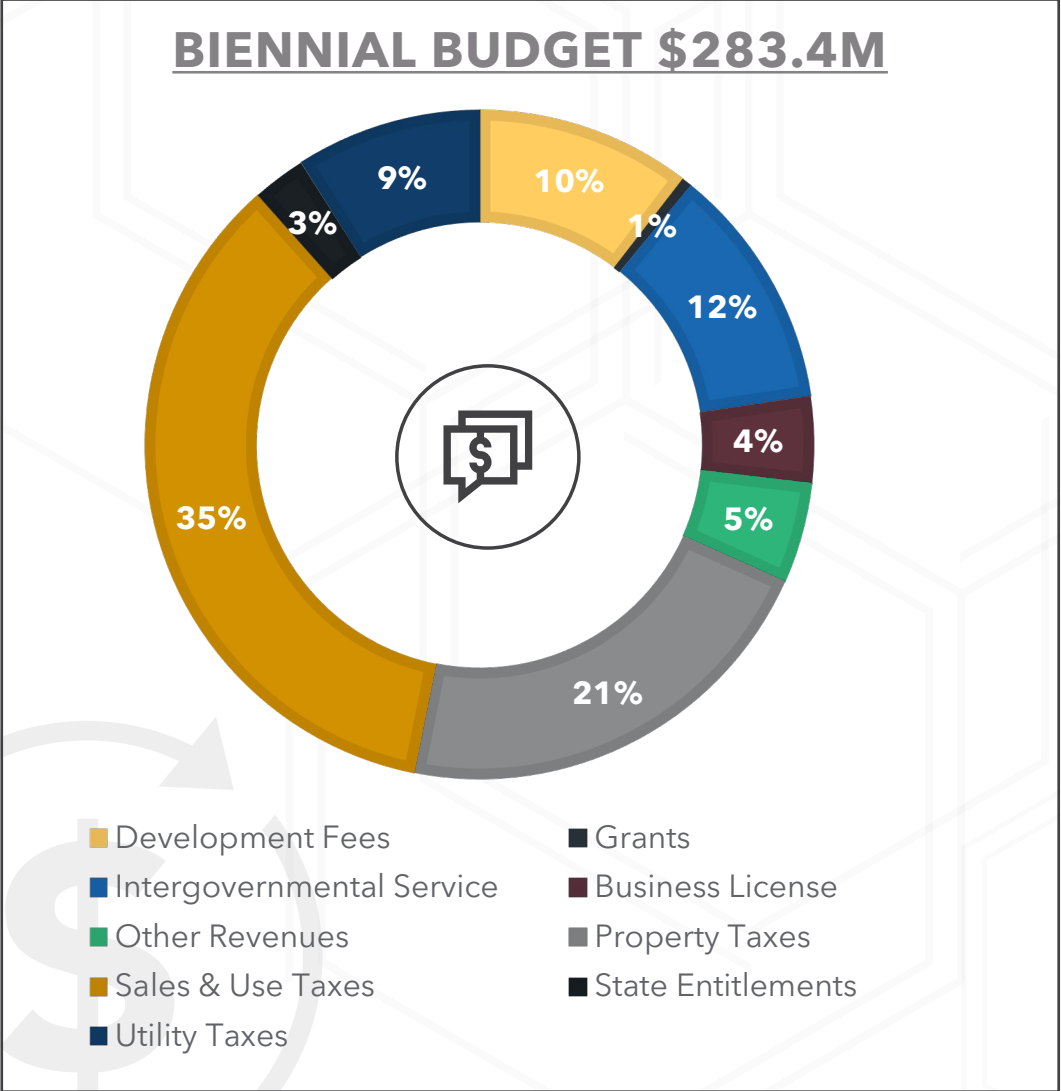
Third Quarter 2024 Financial Report

November 04, 2024

Kelley Cochran, Finance Director

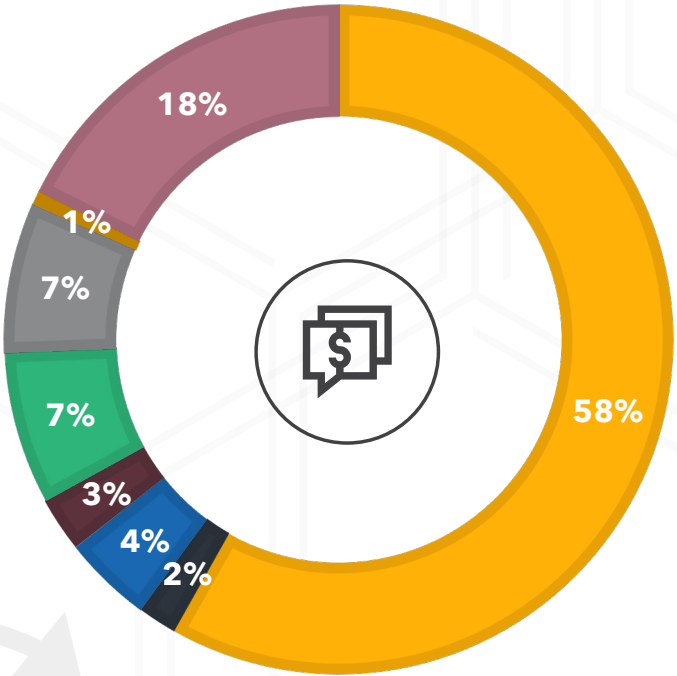


General Fund Revenue - 3rd Quarter 2024



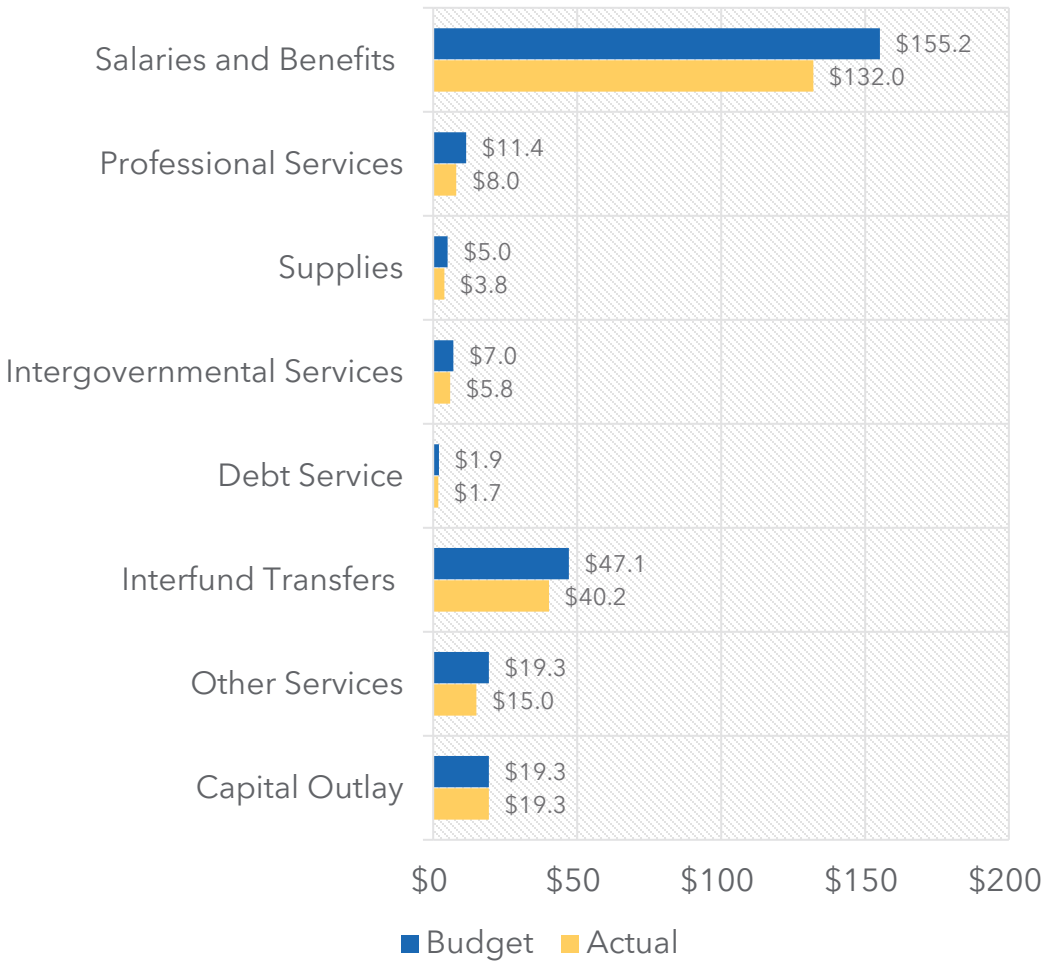
General Fund Expenditures - 3rd Quarter 2024

BIENNIAL BUDGET \$283.4M

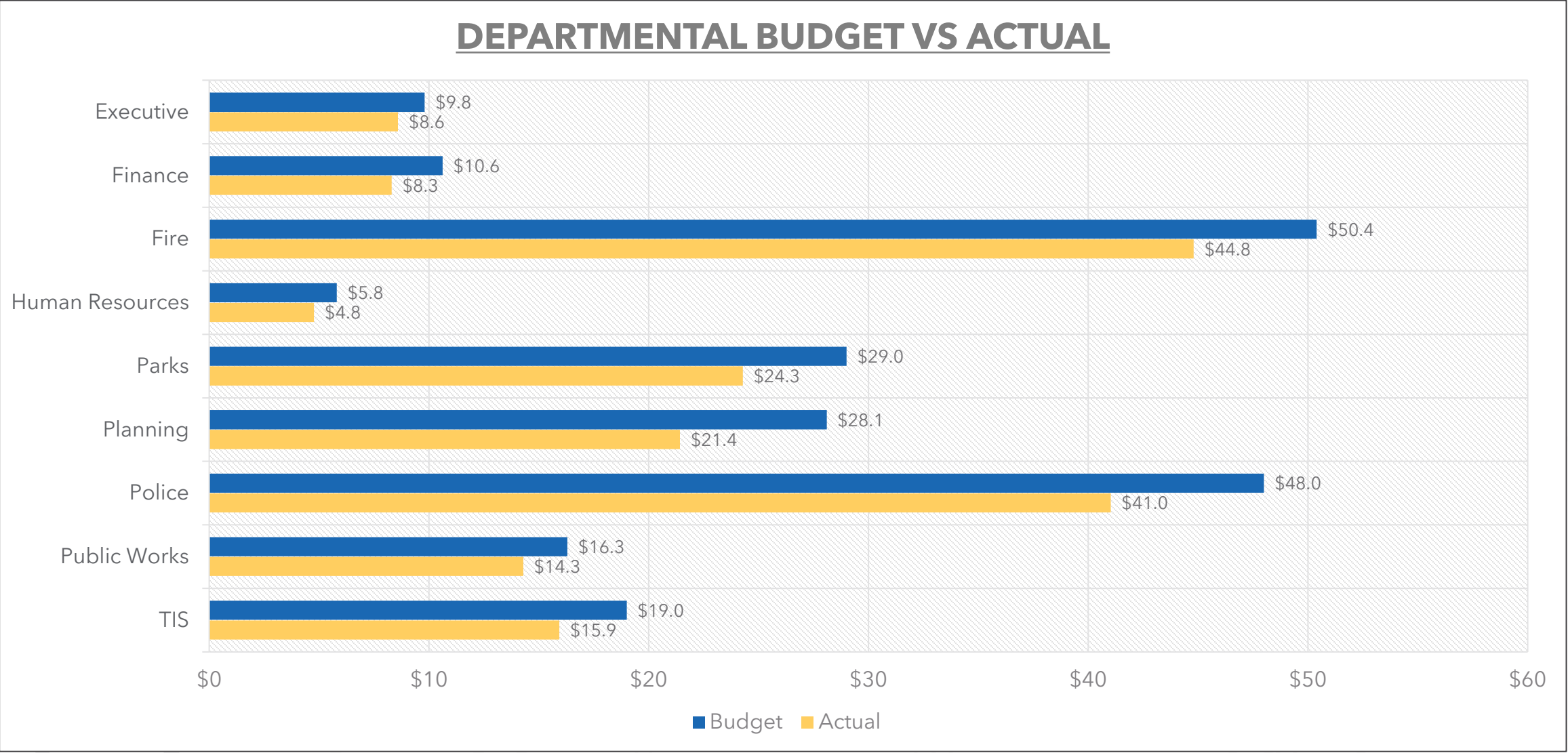


- Salaries and Benefits
- Supplies
- Professional Services
- Intergovernmental Services
- Capital Outlay
- Other Services
- Debt Services
- Interfund Transfers

BUDGET VS. ACTUAL

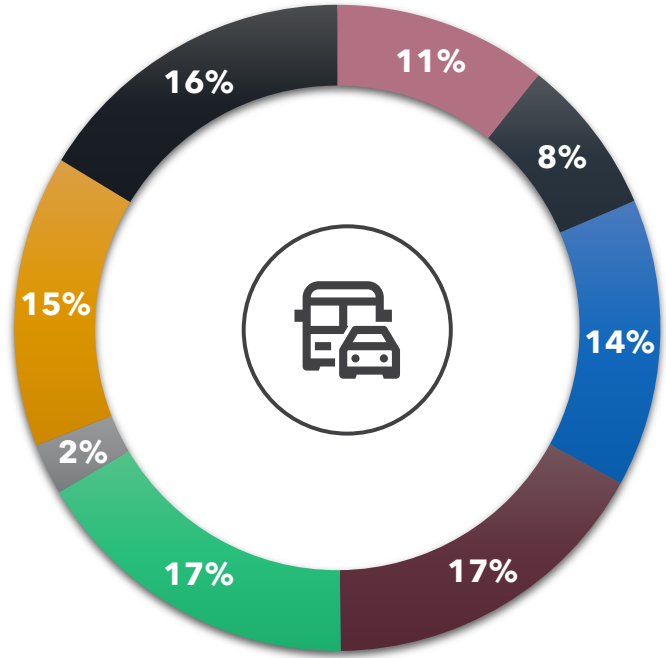


General Fund Expenditures - 3rd Quarter 2024



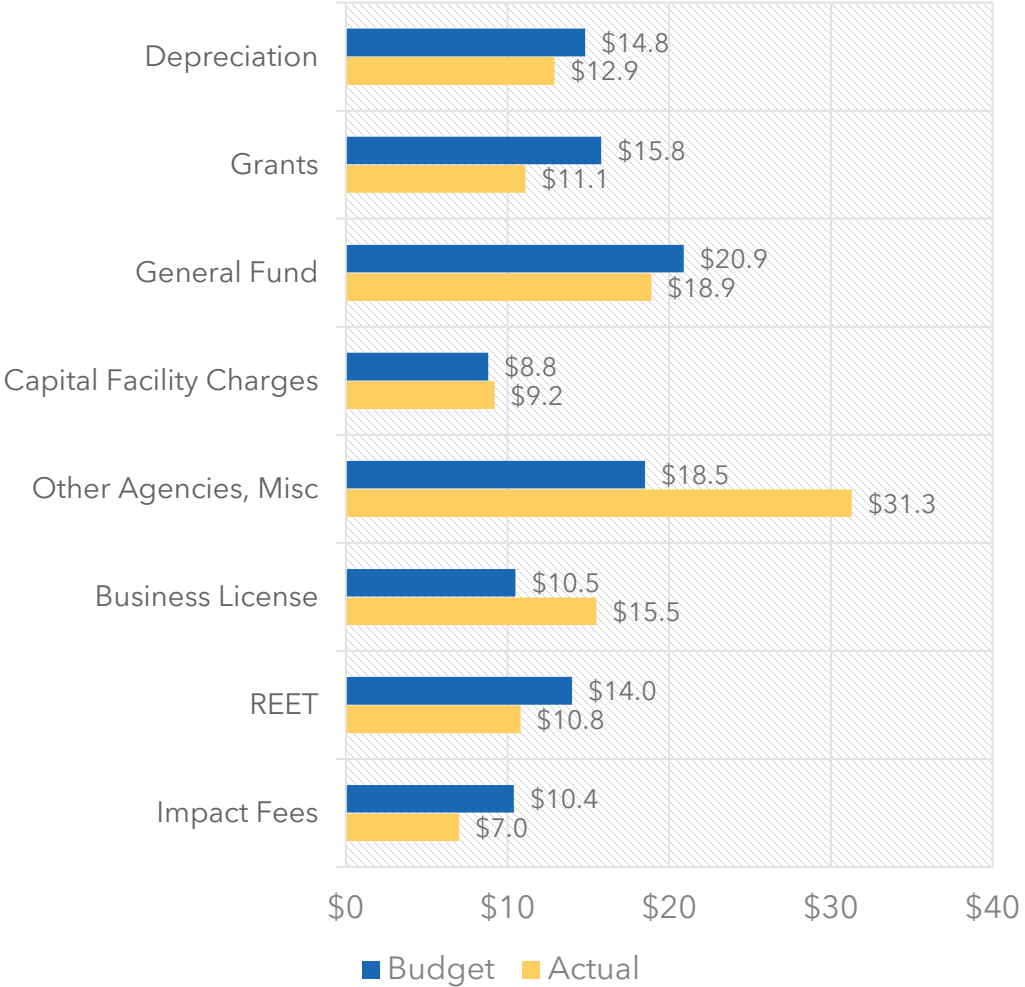
Capital Investment Program - Revenue

BIENNIAL BUDGET \$388.9M



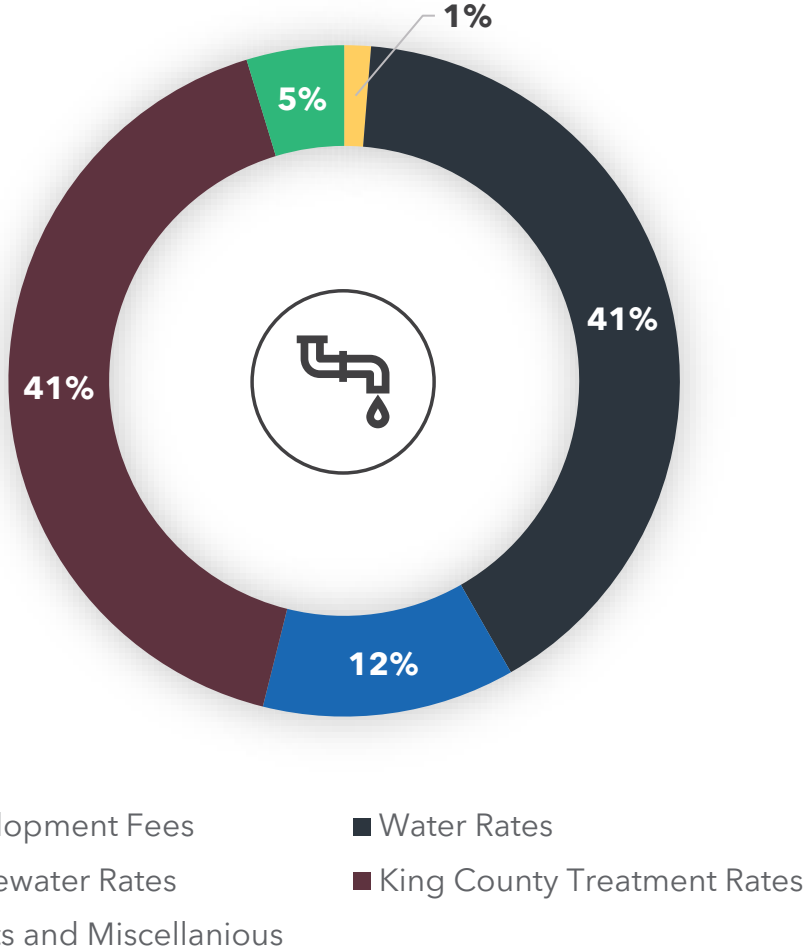
- Impact Fees
- REET
- Business License
- Other Agencies, Misc
- Capital Facility Charges
- General Fund
- Grants
- Depreciation

BUDGET VS. ACTUAL

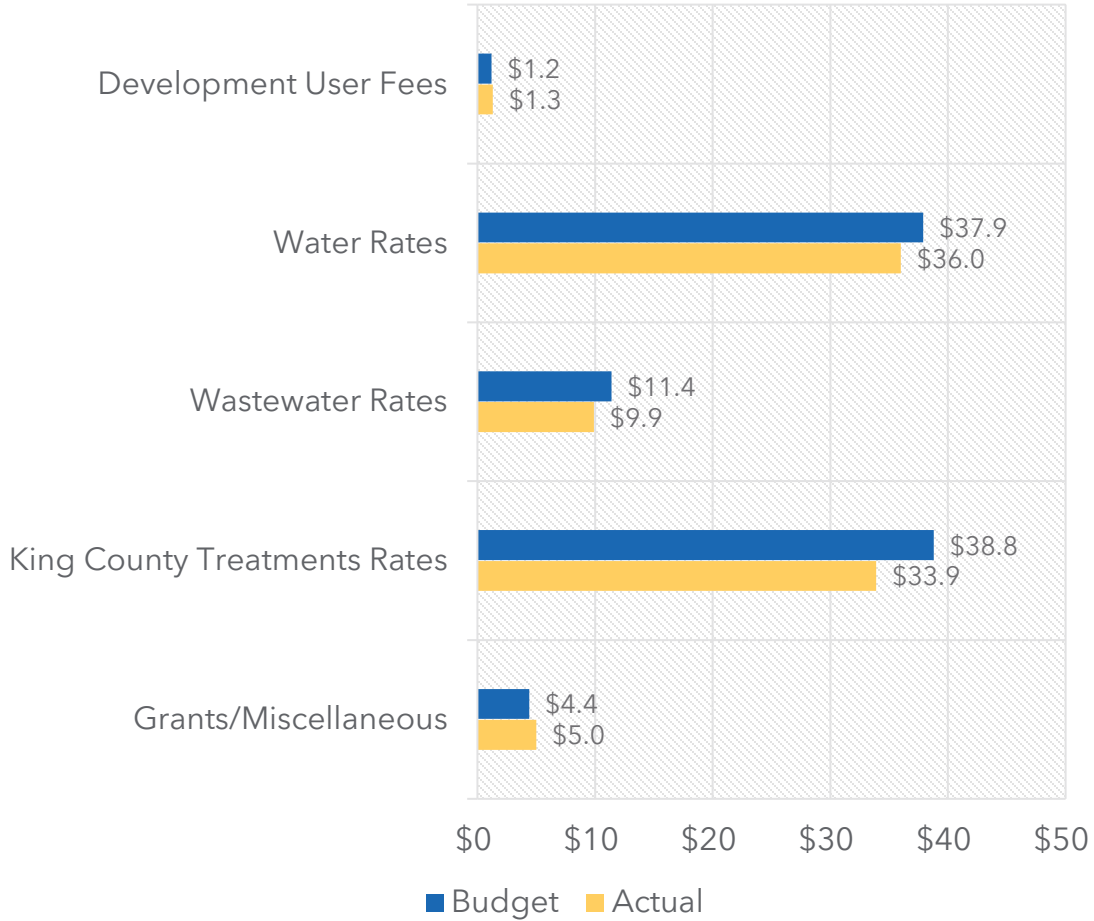


Water/Wastewater Utility - Revenue

BIENNIAL BUDGET \$93.7M

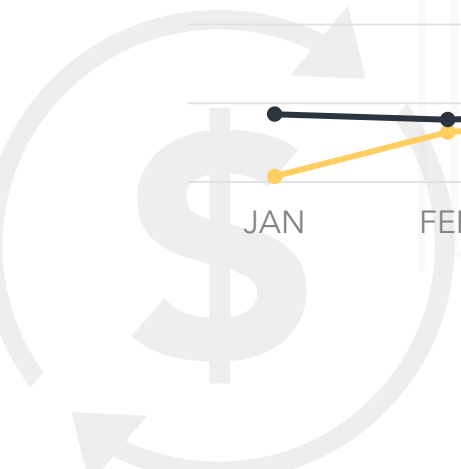
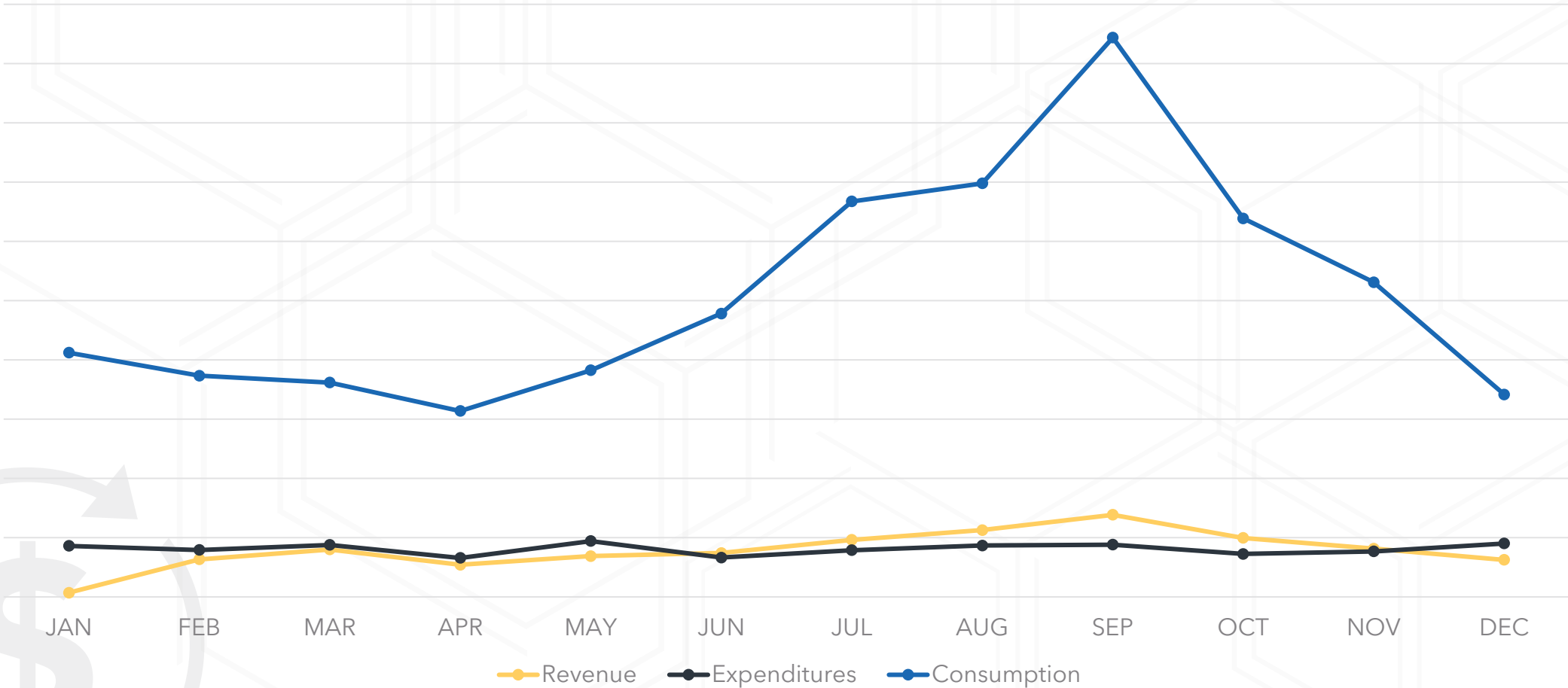


BUDGET VS. ACTUAL



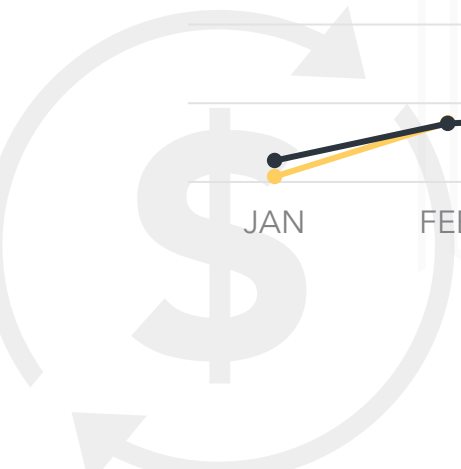
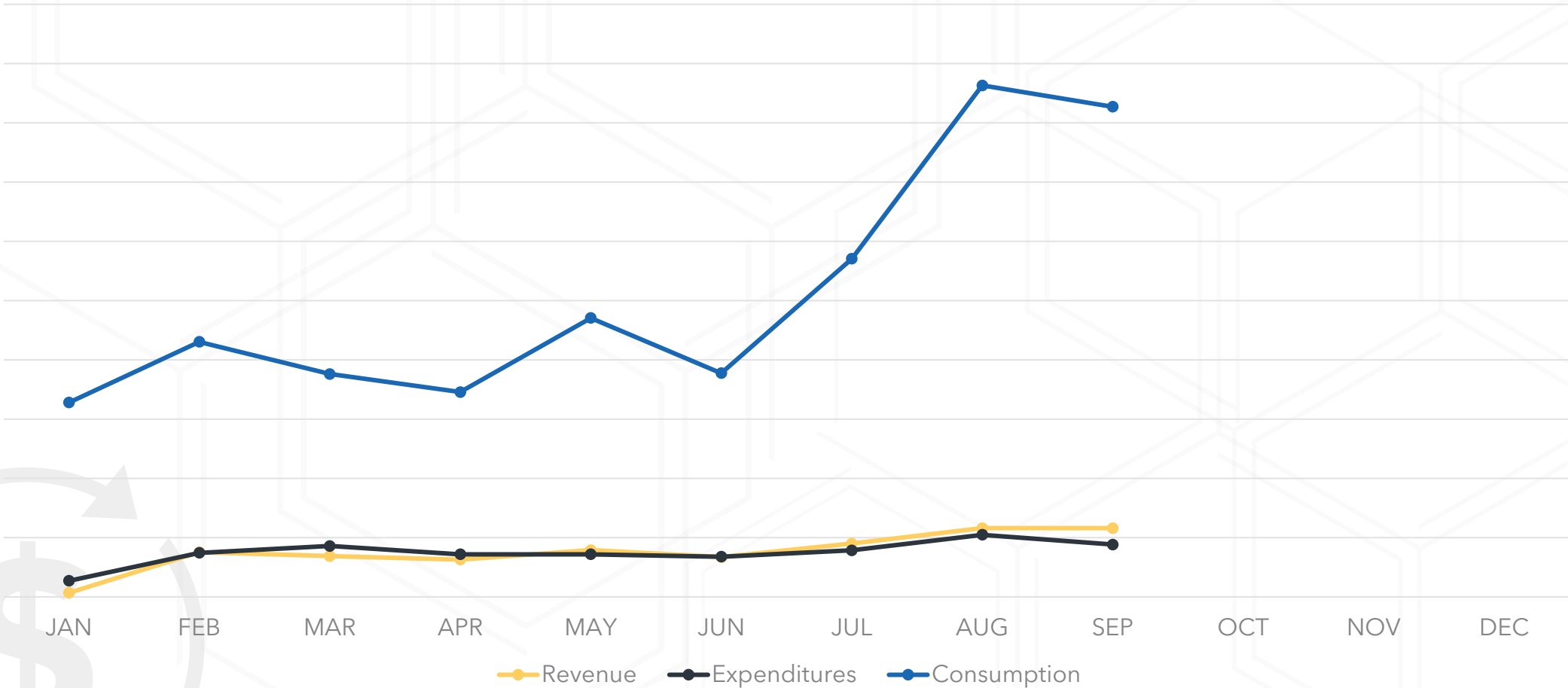
Water/Wastewater Utility 2023

Revenue versus Expense



Water/Wastewater Utility 2024

Revenue versus Expense





Healthy and Sustainable 2023-2024 Baseline Budget

| Budget Offer | Baseline Budget Offer | Department | Current Adopted Budget | 3rd Quarter 2024 Actual | % Spent |
|--------------|-----------------------------------|--------------|------------------------|-------------------------|------------|
| 8 | Community Recreation | Parks | \$12,955,373 | \$11,455,894 | 88% |
| 7 | Environmental Sustainability | Executive | \$1,142,952 | \$1,096,408 | 96% |
| 2 | Ground & Surface Water Management | Public Works | \$6,604,765 | \$4,607,084 | 70% |
| 9 | Parks, Trails & Open Space | Parks | \$16,864,703 | \$13,796,759 | 82% |
| 3 | Safe & Reliable Drinking Water | Public Works | \$35,491,433 | \$32,349,017 | 91% |
| 6 | Solid Waste Management | Public Works | \$2,570,097 | \$2,312,561 | 90% |
| 4 | Stormwater Management | Public Works | \$18,406,198 | \$13,377,355 | 73% |
| 147 | Wastewater Management | Public Works | \$53,832,664 | \$44,871,195 | 83% |
| TOTAL | | | \$147,868,185 | \$123,866,273 | 84% |



Safe and Resilient 2023-2024 Baseline Budget

| Budget Offer | Baseline Budget Offer | Department | Current Adopted Budget | 3rd Quarter 2024 Actual | % Spent |
|--------------|---------------------------|--------------------|------------------------|-------------------------|------------|
| 13 | Construction Inspection | Planning | \$8,678,957 | \$6,329,288 | 73% |
| 19 | Criminal Investigation | Police | \$5,451,051 | \$4,218,819 | 77% |
| 18 | Criminal Justice | Executive & Police | \$4,310,807 | \$4,128,710 | 96% |
| 17 | Fire & Medical Operations | Fire | \$61,365,181 | \$53,651,664 | 87% |
| 11 | Fire Prevention Services | Fire | \$1,899,921 | \$1,495,449 | 79% |
| 16 | Fire Support Services | Fire | \$17,411,899 | \$13,059,668 | 75% |
| 14 | Police Dispatch & Support | Police | \$13,196,866 | \$10,865,100 | 82% |
| 15 | Police Patrol & Response | Police | \$30,114,114 | \$25,845,919 | 86% |
| 12 | Street & Traffic Safety | Public Works | \$17,518,119 | \$14,268,144 | 81% |
| TOTAL | | | \$159,946,915 | \$133,862,761 | 84% |



Strategic and Responsive 2023-2024 Baseline Budget

| Budget Offer | Baseline Budget Offer | Department | Current Adopted Budget | 3rd Quarter 2024 Actual | % Spent |
|--------------|--------------------------------|--------------------|------------------------|-------------------------|------------|
| 30 | City Council | Council | \$519,702 | \$495,452 | 95% |
| 26 | Citywide Communications | Executive | \$1,922,762 | \$1,674,359 | 87% |
| 27 | Community Outreach/Involvement | Executive & Police | \$2,878,639 | \$2,114,589 | 73% |
| 24 | Diversity, Equity, & Inclusion | Executive | \$663,436 | \$391,240 | 59% |
| 29 | Executive Leadership | Executive | \$7,635,374 | \$4,799,063 | 63% |
| 21 | Fiscal Accountability | Finance | \$16,343,826 | \$13,150,997 | 80% |
| 28 | Fleet Management | Public Works | \$10,886,860 | \$8,729,089 | 80% |
| 23 | Human Resources | Human Resources | \$47,044,099 | \$34,567,147 | 73% |
| 22 | Operating Reserves | Finance | \$63,856,628 | \$4,265,056 | 7% |
| 25 | Technology Solutions | TIS | \$20,401,160 | \$16,953,360 | 83% |
| TOTAL | | | \$172,152,485 | \$87,140,352 | 51% |



Vibrant and Connected 2023-2024 Baseline Budget

| Budget Offer | Baseline Budget Offer | Department | Current Adopted Budget | 3rd Quarter 2024 Actual | % Spent |
|--------------|--------------------------------|--------------|------------------------|-------------------------|------------|
| 36 | Arts & Community Events | Parks | \$1,867,926 | \$1,639,629 | 88% |
| 39 | Capital Investment Delivery | Public Works | \$844,653 | \$912,539 | 108% |
| 40 | Community/Economic Development | Planning | \$6,135,706 | \$5,030,628 | 82% |
| 42 | Development Services | Planning | \$17,636,734 | \$13,536,408 | 77% |
| 38 | Facilities Management | Parks | \$8,726,368 | \$7,440,594 | 85% |
| 37 | Housing & Human Services | Planning | \$9,146,249 | \$7,267,402 | 79% |
| 35 | Light Rail | Planning | \$2,612,876 | \$1,018,064 | 39% |
| 140 | Microsoft Campus Refresh | Planning | \$4,805,461 | \$4,970,208 | 103% |
| 34 | Mobility of People & Goods | Planning | \$4,680,847 | \$3,369,565 | 72% |
| TOTAL | | | \$56,456,820 | \$45,185,036 | 80% |

Thank you

Any Questions?



Redmond
WASHINGTON



Memorandum

Date: 11/4/2024
Meeting of: City Council

File No. AM No. 24-168
Type: New Business

TO: Members of the City Council
FROM: Mayor Angela Birney
DEPARTMENT DIRECTOR CONTACT(S):

| | | |
|--------------|------------|--------------|
| Public Works | Aaron Bert | 425-556-2446 |
|--------------|------------|--------------|

DEPARTMENT STAFF:

| | | |
|------------------------------------|---------------|-----------------------------------|
| Public Works | Aaron Noble | Project Manager |
| Planning and Community Development | Micah Ross | Senior Planner |
| Public Works | Steve Gibbs | Capital Projects Division Manager |
| Public Works | Vangie Garcia | Deputy Public Works Director |

TITLE:

Award Bid to SCI Infrastructure of Seatac, WA, in the amount of \$1,231,808 for the Sidewalk Repair - 40th (156th to Bel-Red) Project

OVERVIEW STATEMENT:

This project will remove and replace the damaged sidewalk along the north side of NE 40th St from 156th Ave NE to Bel-Red Road. The existing sidewalk along NE 40th St has been severely damaged due to tree root upheavals. In order to meet ADA guidelines, this project requires replacement of thirteen curb ramps and nine driveway entrances as well as the removal of approximately 49 street trees that have caused severe tripping hazards.

Public Works has been in contact with all affected properties throughout the design phase. Communications and Public Works have developed a public outreach plan which consists of flyers, posters, and social media communication. The implementation of the Outreach Plan began when the project was advertised.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

- Receive Information
- Provide Direction
- Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Community Strategic Plan - Objective #1:
Invest in infrastructure preservation and replacement across the City to maintain the current level of service, the reliability of capital assets, and provide timely and cost-effective replacement.
- **Required:**

Council approval is required to award a Public Works contract that exceeds \$300,000 (2018 City Resolution 1503).

• **Council Request:**

N/A

• **Other Key Facts:**

If Council approves this contract, construction can begin before the end of November.

OUTCOMES:

Construction of this project creates an ADA compliant sidewalk on the north side of NE 40th St between 156th Ave NE and Bel-Red Road which improves access to the Redmond Technology Station. Completion of needed ADA improvements helps reduce the frequency of maintenance service requests.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

• **Timeline (previous or planned):**

- Postcard to property owners regarding project impacts - Oct. 2024.
- Webpage updates including FAQ - Oct. 2024
- Tree removal flyers and posters - Oct. 2024

Email newsletter and social media to alert commuters will be timed to approximately one week prior to traffic revisions.

• **Outreach Methods and Results:**

- Direct communication with adjacent property owners via postcard
- Flyers, posters, and social media posts
- Webpage Updates including FAQs

• **Feedback Summary:**

N/A

BUDGET IMPACT:

Total Cost:

\$1,231,808

Approved in current biennial budget: Yes No N/A

Budget Offer Number:

CIP

Budget Priority:

Vibrant and Connected

Other budget impacts or additional costs: Yes No N/A

If yes, explain:

N/A

Funding source(s):

General Fund, Real Estate Excise Tax, Transportation CIP

Budget/Funding Constraints:

None

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

| Date | Meeting | Requested Action |
|-------------|--|-------------------------|
| 10/8/2024 | Committee of the Whole - Finance, Administration, and Communications | Approve |

Proposed Upcoming Contact(s)

| Date | Meeting | Requested Action |
|-------------|----------------------------|-------------------------|
| N/A | None proposed at this time | N/A |

Time Constraints:

Award of bid must occur within 45 days of the bid opening which is scheduled for October 10 or the contractor may withdraw their bid.

ANTICIPATED RESULT IF NOT APPROVED:

Not approving contract will result in delaying construction, increasing the cost to complete the project.

ATTACHMENTS:

Attachment A: Project Information Sheet

Attachment B: Additional Project Information



CIP Project Information Sheet

Project Name: Sidewalk Repair Project - 40th Street (156th Avenue to Bel-Red Road)

Project Status: Existing - Revised

Functional Area(s): Transportation

Relevant Plan(s): Transportation Master Plan, ADA Transition Plan

Neighborhood: Overlake

Time Frame: 2024-2025

Budget Priority: Vibrant and Connected

Citywide Rank: 38

Functional Area Priority: Medium

Location: NE 40th Street, from 156th Avenue NE to Bel-Red Road

Description:

Repair sidewalk and replace street trees (due to ongoing damage to sidewalk) on the north side of NE 40th Street from 156th Avenue NE to Bel-Red Road.

Anticipated Outcomes: *Primary:* Rehabilitation *Secondary:*

Safe pedestrian access to Redmond Technology Station that meets ADA requirements, eliminates tripping hazards, and reduces maintenance frequency.

Request: *Primary Reason(s):* Budget Process, Scope Change

Project extended from NE 163rd Street to NE 156th Street

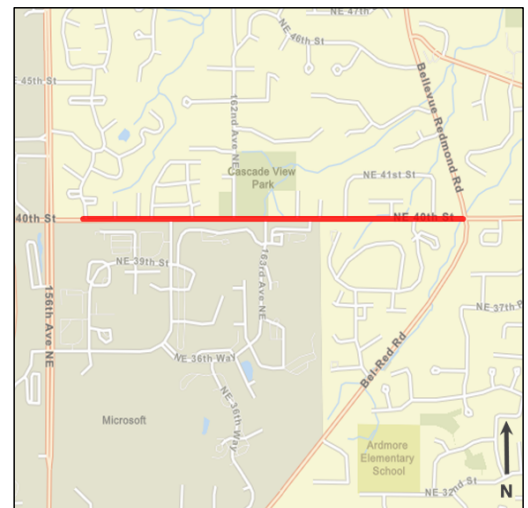
| Budget: | Prior | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Future | Total |
|--------------------------------|--------------------|-------------------|------------------|------|------|------|------|--------|--------------------|
| Original Budget | \$675,214 | \$799,060 | \$592,087 | | | | | | \$2,066,361 |
| Approved Changes | | | | | | | | | |
| Current Approved Budget | \$675,214 | \$799,060 | \$592,087 | | | | | | \$2,066,361 |
| Proposed New Budget | \$1,751,622 | \$314,739 | | | | | | | \$2,066,361 |
| Proposed changes due to | X Scope Change | X Schedule Change | | | | | | | |

| Project Phasing: | Prior | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Future | Total |
|----------------------------|--------------------|------------------|------|------|------|------|------|--------|--------------------|
| Preliminary Design (0-30%) | \$61,000 | | | | | | | | \$61,000 |
| Right of Way | | | | | | | | | |
| Design (31-100%) | \$110,628 | | | | | | | | \$110,628 |
| Construction | \$1,579,994 | | | | | | | | \$1,579,994 |
| Contingency | | \$314,739 | | | | | | | \$314,739 |
| Total | \$1,751,622 | \$314,739 | | | | | | | \$2,066,361 |

| Estimated M&O Impacts: | Prior | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Future | Total |
|------------------------|-------|------|------|------|------|------|------|--------|-------|
| Cost | | | | | | | | | |

Explanation: No M&O costs expected.

| Proposed Funding Sources: | Prior | 2025-2030 | Future | Total |
|---------------------------|--------------------|------------------|--------|--------------------|
| General Fund | \$587,981 | \$104,913 | | \$692,894 |
| Real Estate Excise Tax | \$575,662 | \$104,913 | | \$680,575 |
| Transportation CIP | \$587,979 | \$104,913 | | \$692,892 |
| Total | \$1,751,622 | \$314,739 | | \$2,066,361 |





Memorandum

Date: 11/4/2024
Meeting of: City Council

File No. AM No. 24-169
Type: New Business

TO: Members of the City Council
FROM: Mayor Angela Birney
DEPARTMENT DIRECTOR CONTACT(S):

| | | |
|--------------|------------|--------------|
| Public Works | Aaron Bert | 425-556-2786 |
|--------------|------------|--------------|

DEPARTMENT STAFF:

| | | |
|--------------|------------------|--|
| Public Works | Vangie P. Garcia | Deputy Director |
| Public Works | Paul Cho | Traffic Operations and Safety Engineering Manager |
| Public Works | Patty S. Criddle | Transportation Engineering Supervisor |

TITLE:
Ordinance for PSE Power and Gas Franchise Agreement

OVERVIEW STATEMENT:
The City of Redmond (COR) and Puget Sound Energy (PSE) PSE wish to enter into a franchise agreement that grants PSE the right to construct, operate, and maintain power and gas facilities within the city’s right of way (ROW).

The previous PSE franchise was effective on June 11, 2003, had a 15-year term, and expired in 2018. It was an electric franchise only and did not include gas and was non-exclusive.

The proposed franchise with PSE, if approved, will go into effect in December 2024. It will have a ten (10) year term with the ability to extend for up to two (2) additional periods of five (5) years each, at the City’s discretion. This agreement is dual-purposed as it includes both power and gas. PSE will be required to apply for all necessary City permits which includes compliance with all permit requirements. The proposed agreement is non-exclusive which means that the City can enter into franchise agreements with other companies.

The conditions of the proposed franchise agreement provide more transparency on protocols for effective coordination and collaboration. This franchise agreement states that PSE accepts the condition of the right-of-way as-is and will require no representation or warranty by the City as to the condition of the right of way. PSE will notify the City of decisions to decommission their facilities consistent with prevailing industry standards and law. The steps for dispute resolution are clearly outlined and will be resolved by negotiation between representatives of the City and PSE.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

Receive Information Provide Direction Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
N/A
- **Required:**
Franchises are required to have a majority of Council vote in the affirmative (RCW 35A.47.040).
- **Council Request:**
N/A
- **Other Key Facts:**
The existing PSE gas and power franchise agreements have expired.

OUTCOMES:

An updated franchise agreement sets the expectations for a transparent process and partnership between the City and PSE when it comes to operations within the City rights-of-way.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
N/A
- **Outreach Methods and Results:**
N/A
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:
N/A

Approved in current biennial budget: Yes No N/A

Budget Offer Number:
N/A

Budget Priority:
N/A

Other budget impacts or additional costs: Yes No N/A

If yes, explain:
N/A

Funding source(s):

N/A

Budget/Funding Constraints:

N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

| Date | Meeting | Requested Action |
|-------------|--|-------------------------|
| N/A | Item has not been presented to Council | N/A |

Proposed Upcoming Contact(s)

| Date | Meeting | Requested Action |
|-------------|------------------|-------------------------|
| 12/3/2024 | Business Meeting | Approve |

Time Constraints:

The previous franchise agreement with PSE has expired and both parties have been working on the updated agreement to minimize the time of working in partnership under terms of an expired agreement. This franchise agreement is requesting approval immediately after the City and PSE have agreed to the proposed agreement.

ANTICIPATED RESULT IF NOT APPROVED:

Continue operating without an executed franchise agreement is not beneficial to the City.

ATTACHMENTS:

Attachment A - Proposed PSE Power and Gas Franchise Ordinance

ORDINANCE NO. ____

AN ORDINANCE granting Puget Sound Energy, Inc., a Washington corporation, its successors and assigns, the right, privilege, authority and franchise to set, erect, lay, construct, extend, support, attach, connect, maintain, repair, replace, enlarge, operate and use Facilities in, upon, over, under, along, across and through the Franchise Area to provide for the transmission, distribution, and sale of gas and energy for power, heat, light, and such other purposes for which gas and energy may be used.

THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, DOES ORDAIN AS FOLLOWS:

Section 1. Definitions.

1.1 Where used in this franchise (the “Franchise”), the following terms will have the meaning set forth in this Section 1. Other terms are defined elsewhere in this Franchise.

1.1.1 “City” means the City of Redmond, Washington, a code city of the State of Washington.

1.1.2 “City Council” means the Redmond City Council, or its successor, the governing body of the City of Redmond, Washington.

1.1.3 “Decommissioned Pole” means a utility pole Facility that is located in the Franchise Area and is no longer needed to provide a Regulated Service.

1.1.4 “Dispute” means any and all claims, controversies or disputes arising between the Parties relating to or in connection with this Franchise.

1.1.5 “Environmental Laws” means any and all State and federal Laws relating to the protection of human health and the environment, including those relating to the generation, use, handling, transportation, storage, release, discharge or disposal of Hazardous Substances, such as the Hazardous Waste Cleanup - Model Toxics Control Act, Chapter 70A.305 RCW.

1.1.6 “Facilities” means, collectively and as applicable, any and all of the following facilities that are owned, operated, or maintained by PSE: (i) natural gas distribution facilities and systems, including gas pipes, pipelines, mains, laterals, conduits, feeders, regulators, meters, meter-reading devices and infrastructure (including advanced metering infrastructure), and related communication systems used in connection with electric and gas systems; (ii) electric transmission and distribution facilities and systems, including poles (with or without crossarms), wires, lines, conduits, cables, braces, guys, anchors and vaults, meter-reading devices and infrastructure (including advanced metering infrastructure), and related communication systems used in connection with electric and gas systems; and (iii) any and all other equipment, appliances, attachments, appurtenances, and other facilities or items necessary, convenient, or in any way appertaining to any and all of the foregoing, whether the same be located above ground or underground.

1.1.7 “Force Majeure Event” means any event or circumstance (or combination thereof) that: (i) delays or prevents performance by a Party of any of its obligations under this Franchise; (ii) is not caused by, and is beyond the reasonable control of, the affected Party; and (iii) could not have been prevented or overcome by commercially reasonable measures taken by the affected Party to avoid the effect of the event or circumstance on the affected Party’s ability to perform its obligations hereunder and the affected Party attempted to mitigate the consequences of the event or circumstance. Force Majeure Events may include the following: (a) acts of nature, including storms; (b) epidemics and pandemics; (c) acts of public enemies, terrorism, war, rioting, insurrection or sabotage; (d) any form of compulsory federal or State government action; (e) accidents or other casualties causing damage, loss or delay; (f) labor disturbances, strikes, lock-outs or other industrial actions affecting the Parties or any of their contractors, subcontractors, agents or employees; and (g) supply chain disruptions, shortages in materials, or similar events delaying or preventing the procurement of certain materials.

1.1.8 “Franchise Area” means the Rights-of-Way within the jurisdictional boundaries of the City.

1.1.9 “Hazardous Substances” means any hazardous, toxic, or dangerous substance, material, waste, pollutant, or contaminant that is specifically designated as such and regulated by any Environmental Law.

1.1.10 “Law” means any and all federal, State or municipal law, code, statute, ordinance, rule, tariff, regulation or other requirement that is applicable to a Party or its activities under this Franchise and is accorded the full force and effect of law and is binding upon such Party.

1.1.11 “Ordinance” means Ordinance No. _____, which sets forth the terms and conditions of this Franchise.

1.1.12 “Party” means, as applicable, PSE or the City, and “Parties” means, collectively, PSE and the City.

1.1.13 “PSE” means Puget Sound Energy, Inc., a Washington corporation, and its successors and assigns.

1.1.14 “Public Improvement Project” means a capital improvement project within the Franchise Area that requires the relocation of Facilities within the Franchise Area, is funded by the City (either with its own funds or with other public monies obtained by the City for such capital improvement project), and is undertaken by the City.

1.1.15 “Regulated Service” means any utility, telecommunications, gas, electric, or similar service that is subject to the jurisdiction of one or more federal or State agencies that regulate the terms and conditions for such service (including the Federal Energy Regulatory Commission and the UTC).

1.1.16 “Right-of-Way” or “ROW” means any and all of the roads, streets, avenues, alleys, and highways of the City as now laid out, platted, dedicated or improved; and any and all roads, streets, avenues, alleys and highways that may hereafter be laid out, platted, dedicated or improved within the limits of the City.

1.1.17 “State” means the State of Washington.

1.1.18 “Term” means the term of this Franchise as defined in Section 19 (Franchise Term).

1.1.19 “UTC” means the Washington Utilities and Transportation Commission, and any successor agency with jurisdiction over the terms and conditions of any gas or energy services provided by PSE to its customers.

Section 2. Non-Exclusive Franchise.

2.1 This non-exclusive Franchise shall in no way prevent, inhibit, or prohibit the City from using or modifying any of the Franchise Area, in a manner that is consistent with Law and the terms and conditions of this Franchise, for any City purpose.

2.2 Nothing in this Franchise constitutes any representation or warranty, whether express or implied, by the City to PSE as to the condition of the Franchise Area, including its merchantability or fitness for any purpose.

Section 3. Grant of Rights.

3.1 The City hereby grants to PSE the right, privilege, authority and franchise to set, erect, lay, construct, extend, support, attach, connect, maintain, repair, replace, enlarge, operate and use Facilities in, upon, over, under, along, across and through the Franchise Area to provide for the transmission, distribution and sale of gas and energy for power, heat, light, and such other purposes for which gas and energy may be used.

3.2 This Franchise is not, and will not be deemed to be, an exclusive Franchise. This Franchise will not in any manner prohibit the City from granting other and further franchises over, upon, under and along the Franchise Area that do not interfere with PSE’s rights under this Franchise. This Franchise will not affect the jurisdiction of the City over the Franchise Area and will not limit or constrain the exercise of the City’s police powers, or prohibit or prevent the City from using the Franchise Area, in a manner that is consistent with Law and the terms and conditions of this Franchise.

3.3 PSE will exercise its rights within the Franchise Area in accordance with Law; except, that in the event of any conflict or inconsistency between any municipal law, code, statute, ordinance, rule, regulation, policy or other requirement of the City and the terms and conditions of this Franchise, the terms and conditions of this Franchise will govern and control.

3.4 This Franchise will not convey any right to PSE to install any Facilities on, under, over or across, or to otherwise use, any City-owned properties or City-leased properties of any kind that are located outside the Franchise Area. Further, this Franchise will not govern or apply to any Facilities located on any PSE-owned or PSE-leased properties or any easements (whether inside or outside of the Franchise Area, whether granted by a private or public entity, and whether now existing or hereafter acquired), and such Facilities are not, and will not be deemed to be, located pursuant to rights derived from this Franchise.

3.5 Facilities that were installed or maintained by PSE in accordance with a prior franchise agreement between PSE and the City, but that are not within the Franchise Area under this Franchise, may be maintained, repaired, and operated by PSE at the location such Facilities exist as of the Effective Date; except, that no such Facilities may be enlarged, improved, or expanded by PSE without the prior review and written approval of the City pursuant to and consistent with Law.

Section 4. PSE's Use and Occupancy of the Franchise Area.

4.1 The construction, operation and maintenance of Facilities authorized by this Franchise shall not preclude the City, its agents or its contractors, from grading, excavating, or doing other necessary work contiguous to such Facilities in a manner that is consistent with Law and the terms and conditions of this Franchise.

4.2 All work performed on Facilities within the Franchise Area will be accomplished in a good and workmanlike manner, with due regard for safety, by means that, to the extent practicable, minimize interference with the free passage of pedestrian or vehicle traffic, and by methods that allow for reasonable access to adjoining property, whether public or private. PSE will post and maintain proper barricades, flags, flaggers, lights, flares, safety devices, and other measures as required by Law. If any work by PSE (or any of its contractors of any tier) on Facilities within the Franchise Area under this Franchise impairs the lateral support of the Franchise Area or adjacent properties, PSE will take such action as is reasonably necessary to restore and maintain the lateral support of the Franchise Area or such adjacent properties.

4.3 Prior to PSE engaging in any work on Facilities located within the Franchise Area, PSE will apply for all City permits required to do such work. In addition, PSE will, except to the extent contrary to or inconsistent with the terms and conditions of this Franchise, comply with all requirements and conditions of such permits and will pay all City permit fees applicable to such permits. If Facilities within the Franchise Area are in such a condition so as to endanger the property, life, health, or safety of any individual or threaten system integrity, or are otherwise compromised, in each case as reasonably determined by PSE, PSE may take prompt action to correct the dangerous condition without first obtaining any required City permits on the condition that PSE applies for any such permit(s) as soon as reasonably practicable after taking such action. If the City discovers an emergency situation involving any Facilities, the City will promptly notify PSE, and PSE will address the emergency situation pursuant to this Section 4.3.

4.4 PSE shall have the discretion to determine the placement of its Facilities as may be necessary to provide safe and reliable electric and gas service within the Franchise Area, and will coordinate with the City with respect to such placement through the applicable permitting process of the City. To the extent practicable, when installing Facilities within the Franchise Area under this Franchise, PSE shall maintain separation from other existing utilities and communications facilities installed in the Franchise Area as reasonably prescribed by the Redmond Municipal Code, the National Electrical Safety Code and prevailing industry standards.

4.5 All PSE Facilities and all construction or maintenance work pertaining to the Facilities in the Franchise Area shall be the responsibility of PSE.

4.6 PSE will, after completing any installation, construction, relocation, maintenance, removal or repair of any of the Facilities within the Franchise Area pursuant to this Franchise, restore the affected Franchise Area and any adjacent areas within the Franchise Area that may be damaged or disturbed by PSE's work to as good or a better condition as such area or property was in immediately prior to the applicable work. The Public Works Department shall have the final authority to determine the adequacy of the restoration performed in accordance with the requirements set forth herein, provided that the Public Works Department shall not unreasonably withhold such an adequacy determination. The City will not impose any fee, fine, charge, or other cost or expense on PSE for any such damage or disturbance if such restoration work is completed to the reasonable satisfaction of the City. If such restoration work is not done in accordance with this Section 4.6 and to the reasonable satisfaction of the City, the City may notify PSE in writing that it wishes to perform such restoration work. If the City and PSE agree in writing that the City will perform such restoration work, the City will perform such restoration work in accordance with this Section 4.6, and PSE will reimburse the City for the actual, reasonable costs incurred by the City in performing such restoration work within sixty (60) days after PSE's receipt of an undisputed, itemized invoice of the City's incurred costs.

4.7 Before PSE commences any work under this Franchise which may disturb any existing monuments or markers relating to subdivisions, tracts, streets, highways, plats, roads, or surveys, PSE shall reference all such monuments and markers consistent with Laws. All markers and monuments which are to be disturbed or displaced by any such work will be restored consistent with Law.

4.8 PSE will have the right to cut, clear, prune and remove vegetation encroaching on, overhanging, or growing into Facilities within the Franchise Area so as to prevent such vegetation from coming in contact with such Facilities and to maintain safe and reliable operations of such Facilities. The exercise of such right will be subject to the City's prior written approval, which will not be unreasonably withheld, conditioned, or delayed. PSE's tree trimming activities will preserve the appearance, integrity, and health of the trees to the extent reasonably possible. Except in emergency situations or as otherwise approved by the City, PSE will (i) be responsible for all debris removal from such activities and (ii) ensure such work is performed under the direction of a certified arborist.

Except for work undertaken pursuant to Section 4.3, PSE may not prune trees at a point below twenty (20) feet above the finished grade of the applicable Franchise Area until written notice has been given to the owner or occupant of the premises abutting the applicable Franchise Area in or over which the tree is growing. The owner or occupant of the abutting premises may prune such tree at points twenty (20) feet above the finished grade of the applicable Franchise Area at their own expense. If the pruning does not take place within the agreed upon time frame or is not sufficiently done by such owner or occupant, in PSE's sole discretion, PSE may prune such tree at its own expense.

4.9 If PSE intends to use chemical sprays to control or kill weeds and brush within the Franchise Area, prior written approval must be obtained from the City at least annually (which approval may be satisfied by the City's issuance of an applicable permit for such work). The City may limit or restrict the types, amounts, and timing of sprays within the Franchise Area if a significant negative impact on the aesthetics of the area is anticipated and such limitations or

restrictions are not in conflict with State Laws or prudent utility practices governing utility right-of-way maintenance.

4.10 The Parties acknowledge that PSE is subject to State and federal Laws that apply to its gas and energy operations and that certain information related to such operations is publicly available, including from or through the UTC. The City may review such information, including publicly available maintenance, safety, and inspection information related to Facilities, in its discretion.

4.11 Nothing in this Franchise is intended (nor will be construed) to relieve either Party of its respective obligations under Law with respect to determining the location of underground utility facilities, including Facilities.

Section 5. Planning and Coordination.

5.1 Each Party will exercise commercially reasonable efforts to coordinate construction work it may undertake within the Franchise Area with the other Party so as to promote the orderly and expeditious performance and completion of such work as a whole. In so doing, the Parties will undertake cooperative planning so as to promote the coordinated timing, location, and performance of such work within the Franchise Area. Upon the reasonable request of a Party, but not more often than annually (unless otherwise agreed upon by the Parties), the Parties will meet to discuss and coordinate future construction activities then being planned by either Party within the Franchise Area. Such discussions and coordination will be for informational purposes only and will not obligate either Party to undertake any specific improvements or other activities within the Franchise Area.

5.2 The City may, from time to time, request:

5.2.1 copies of certain available PSE plans for potential improvements to Facilities within the Franchise Area if and to the extent such information is needed by the City for its own project planning purposes, and

5.2.2 copies of certain available maps in use by PSE showing the approximate locations of Facilities within the Franchise Area if and to the extent such information is needed by the City for specific Right-of-Way management purposes.

Any such request by the City must be submitted by email to Map.Request@pse.com (or by such other method as PSE may reasonably direct, from time to time) and must be reasonable in scope and at intervals that minimize administrative burdens on both Parties. Any release of information to the City pursuant to this Section 5.2 will be subject to PSE's prior approval, which will not be unreasonably conditioned, withheld or delayed. Any information provided by PSE pursuant to this Section 5.2 will be for informational purposes only and will not obligate PSE to undertake any specific improvements or other activities within the Franchise Area, or be construed as a proposal to undertake any specific improvements or other activities within the Franchise Area. PSE does not warrant the accuracy of any information provided pursuant to this Section 5.2 and, to the extent the locations of Facilities are shown in any such information, such Facilities are shown in their approximate locations. Further, notwithstanding anything in this Franchise to the contrary,

PSE will have no obligation to disclose any records, documents, or other information that, in PSE's reasonable discretion: (i) are financial, commercial, or proprietary in nature, or (ii) constitute critical energy infrastructure information as regulated under the Federal Regulation and Development of Power - 16 U.S.C. § 791a, et seq.

Section 6. Records.

6.1 PSE shall maintain adequate records to document activities performed under this Franchise.

6.2 PSE shall maintain records to document the approximate location of its Facilities, including as-built plans and maps, as determined by PSE in its sole discretion.

6.3 If the City receives a request under the Public Records Act, Chapter 42.56 RCW, to inspect or copy any information provided by PSE in connection with this Franchise and the City reasonably determines that the release of such information is required pursuant to RCW 42.56, then the City shall notify PSE promptly in writing, and no later than five (5) days after the City identifies the applicable information, to allow PSE an opportunity to take action to prevent or limit the disclosure of such information. If PSE does not communicate in writing to the City, within ten (10) business days of receipt of the City's notice, its intent to take action to prevent the disclosure of such information, then the City may release the applicable information. If PSE provides notice pursuant to this Section 6.3 of its intent to take action, PSE will take all necessary actions to prevent or limit the proposed disclosure in a manner so as to ensure the City's response is not delayed or improper under the Public Records Act or Law.

Section 7. Joint Use of PSE Excavation.

Except in emergency situations, if PSE intends to make an excavation within the Franchise Area, PSE will, to the extent practicable, provide at least thirty (30) days written notice to the City and afford the City an opportunity to use such excavation if PSE: (i) receives a written request from the City to do so, (ii) such joint use would not unreasonably delay the work of PSE causing such excavation, and (iii) such joint use is arranged and accomplished upon terms and conditions reasonably satisfactory to PSE and the City.

Section 8. City Use of PSE Poles or Other Facilities in Franchise Area.

8.1 During the Term, the City may install and maintain City-owned equipment, fiber or wires on PSE-owned overhead electric distribution pole Facilities within the Franchise Area, subject to PSE's prior consent, which shall not unreasonably be withheld, and pursuant to a mutually agreed upon pole attachment agreement entered into between the City and PSE.

8.2 The City will install, operate, and maintain all City-owned facilities on PSE-owned overhead electric distribution pole Facilities within the Franchise Area at its sole risk and expense and will conduct all such activities in accordance with Law and consistent with such reasonable terms and conditions as PSE may specify from time to time (including requirements accommodating Facilities or the facilities of other parties having the right to use PSE's poles). For

the avoidance of doubt, PSE's obligations with respect to any such pole attachments by the City will be set forth in the applicable pole attachment agreement entered into between the City and PSE, and PSE will have no obligation under Section 12 (Indemnification) or Section 13 (Insurance) in connection with any City-owned facilities that are installed or maintained on PSE's pole Facilities. Nothing herein will require PSE to bear any cost or expense in connection with any such installation or use by the City.

Section 9. Decommissioned Facilities.

9.1 As of the Effective Date, PSE and third parties having attachments of wires, devices and other equipment to PSE-owned pole Facilities located within the Franchise Area will use the National Joint Utilities Notification System ("NJUNS") as the means of providing official notice of actions required to be taken and reporting of actions taken by such third parties with respect to such attachments. To the extent consistent with Law and at the request of the City, PSE will use commercially reasonable efforts (subject to the functional capabilities and limitations of NJUNS) to include the City as an interested party to any notification tickets submitted by PSE in NJUNS with respect to any PSE-owned pole Facilities located within the Franchise Area that are permanently no longer in use by PSE and which contain third-party attachments. The City may monitor activity associated with such third-party attachments through NJUNS.

9.2 If PSE determines that a PSE-owned pole Facility located within the Franchise Area is a Decommissioned Pole, PSE will notify the City of the same and such notice will establish the date by which such Decommissioned Pole will be removed from the Franchise Area. PSE will use commercially reasonable efforts to remove any such Decommissioned Pole from the Franchise Area within one hundred twenty (120) days after the date of such notice. If, however, upon receipt of any such notice from PSE, the City reasonably determines that such Decommissioned Pole unreasonably interferes with the free passage of pedestrian or vehicle traffic within the Franchise Area, the City will notify PSE of the same, and PSE will use commercially reasonable efforts to remove such Decommissioned Pole from the Franchise Area within thirty (30) days after the date of such notice from the City.

9.3 If the City reasonably determines that a PSE-owned pole Facility located within the Franchise Area is no longer in use by PSE or by any authorized third party, the City may request that PSE determine if such Facility constitutes a Decommissioned Pole within sixty (60) days' notice from the City. Upon receipt of such request, PSE will review the status of the Facility in question. If PSE determines such Facility to be a Decommissioned Pole, PSE will give the City notice thereof in accordance with Section 9.2. If PSE determines that such Facility is not a Decommissioned Pole, PSE will notify the City of the same, and such notice will explain the basis for making such determination. The Parties will work together to establish mutually agreeable procedures for the implementation of this Section 9.3 that achieve the Right-of-Way management objectives of the City in a manner that minimizes the administrative burdens on both Parties.

9.4 The Parties acknowledge that: (i) the removal of underground Facilities often causes significant disruptions to the Franchise Area, which may adversely impact the use of the affected Franchise Area and inconvenience the public, and (ii) an approach of decommissioning certain Facilities in place within the Franchise Area, consistent with prudent utility practice and this Franchise, could help the Parties reduce unnecessary disruptions to the Franchise Area while

maintaining the Parties' respective responsibilities under this Franchise with respect to such Facilities. Accordingly, PSE may, from time to time, elect to discontinue its use of underground Facilities within the Franchise Area with the City's prior written approval, and decommission such Facilities in place ("Decommissioned Underground Facilities"). In such event, PSE will notify the City of its decision to decommission such Facilities and will decommission such Facilities in place consistent with prevailing industry standards and Law. With respect to Decommissioned Underground Facilities that are gas Facilities, such decommissioning in place may include disconnecting such Decommissioned Underground Facilities from the operating natural gas system in accordance with Laws or prevailing industry standards, sealing such Decommissioned Underground Facilities, and rendering such Decommissioned Underground Facilities inert. In addition, for the avoidance of doubt, Decommissioned Underground Facilities within the Franchise Area remain subject to the terms and conditions of this Franchise, including Section 11 (Relocation of Facilities), Section 12 (Indemnification) and Section 13 (Insurance).

Section 10. Hazardous Substances.

10.1 PSE will only use Hazardous Substances within the Franchise Area incidental to PSE's normal business operations, and in all cases (i) limited to such quantities as may be required in its normal business operations, (ii) used, transported or stored in accordance with prevailing industry standards and Law, and (iii) used, transported or stored only for their intended use. In the event PSE or its contractors of any tier cause an unlawful release of Hazardous Substances within the Franchise Area, PSE will notify the City within twenty-four (24) hours after its discovery of such release.

10.2 PSE shall be responsible for promptly remediating any releases of Hazardous Substances caused by PSE or its contractors of any tier within the Franchise Area in accordance with Environmental Laws.

10.3 PSE shall timely prepare and submit any reports or communications required by Environmental Laws.

10.4 If PSE discovers Hazardous Materials in conducting actions authorized under this Franchise, PSE shall immediately or as soon thereafter as reasonably possible provide notice to the City by email and will provide notice to other government entities as required by Environmental Laws.

Section 11. Relocation of Facilities.

11.1 Whenever the City causes a capital improvement project to be undertaken by the City within the Franchise Area, and the City believes such project constitutes a Public Improvement Project that requires the relocation of then-existing Facilities within the Franchise Area (for purposes other than those described in Section 11.3), the City will provide to PSE, within a reasonable time prior to the commencement of such project:

11.1.1 written notice of the applicable project; and

11.1.2 reasonable plans and specifications sufficient, in PSE's discretion, to: (i) evaluate whether the proposed project constitutes a Public Improvement Project, including whether the relocation of any Facilities within the Franchise Area is necessary, and (ii) if the project is a Public Improvement Project that requires any such relocations, develop an initial system design for such Facilities in connection with such Public Improvement Project.

After receipt of such notice and such plans and specifications, the City and PSE will work together to review the plans and specifications provided pursuant to this Section 11.1 as well as any proposed relocation of Facilities for such Public Improvement Project. For any Facilities that must be relocated within the Franchise Area for such Public Improvement Project, PSE will perform such relocations at no charge to the City and in accordance with a schedule mutually agreed upon by the City and PSE. If the City requires the subsequent relocation of any such Facilities within five (5) years from the date of the initial relocation of such Facilities pursuant to this Section 11.1, the City will bear the entire cost of such subsequent relocation.

11.2 If the City and PSE agree upon a revised schedule for a relocation pursuant to Section 11.1, PSE shall complete the relocation in accordance with the agreed-upon schedule.

In the event PSE performs in good faith but is unable to complete relocation according to the schedule agreed to by the Parties due to delays, acts, or omissions attributable to the City or any third party or attributable to other circumstances beyond PSE's control, then PSE shall not be liable for its inability to timely complete such relocation pursuant to this Section 11.2 but PSE shall continue such relocation with all due diligence until completion.

11.3 Whenever (i) any public or private development within the Franchise Area, other than a Public Improvement Project, requires the relocation of Facilities within the Franchise Area to accommodate such development, or (ii) the City requires the relocation of Facilities within the Franchise Area for the benefit of any person or entity other than the City, then, in such event, PSE will have the right as a condition of such relocation, to require such person or entity to make payment to PSE, at a time and upon terms and conditions acceptable to PSE, for any and all costs and expenses incurred by PSE in the relocation of such Facilities.

11.4 Any condition or requirement imposed by the City upon any person or entity, other than PSE, that requires the relocation of Facilities will be a relocation under Section 11.3 (including any condition or requirement imposed pursuant to any contract or in conjunction with approvals or permits for zoning, land use, construction or development).

11.5 Nothing in this Section 11 will require PSE to bear any cost or expense in connection with the location or relocation of any Facilities authorized by easement or other rights not derived from this Franchise, regardless of whether such easement or other rights are on public or private property and regardless of whether such easement or other rights extend to property within the Franchise Area.

Section 12. Indemnification.

12.1 PSE will defend, indemnify and hold harmless the City and its elected and appointed officials, officers, agents, and employees, from and against any and all actions or causes of action, claims and demands (and resulting damages, liabilities, monetary losses, costs, and expenses,

including reasonable attorneys' fees) made against the City or its elected and appointed officials, officers, agents, or employees on account of injury or death of any person or damage to property, to the extent such injury or damage is caused by the negligence or willful or intentional misconduct of PSE, its agents, employees or contractors of any tier, in exercising the rights granted to PSE by this Franchise. In the event any such claim or demand is presented to or filed with the City, the City must promptly notify PSE thereof in writing, and PSE will have the right, at its election and at its sole cost and expense, to settle and compromise such claim or demand, or to defend the same at its sole cost and expense, by attorneys of its own election. In addition, in the event any suit or action is begun against the City based upon any such claim or demand, the City must likewise promptly notify PSE thereof in writing, and PSE will have the right, at its election and its sole cost and expense, to settle and compromise such suit or action, or to defend the same at its sole cost and expense, by attorneys of its own election. However, should a court of competent jurisdiction determine that this Agreement is subject to RCW 4.24.115, then, in the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of PSE and the City, its elected and appointed officials, officers, agents, and employees, PSE's indemnity obligations under this Section 12.1 shall apply only to the extent of the negligence of PSE.

12.2 The City shall cooperate fully with PSE, provided that: (a) any settlement or compromise is consistent with the terms of this Franchise; and (b) any terms or conditions of any settlement that in any way contractually obligates the City to take any action shall require the City's prior written approval.

12.3 It is further specifically and expressly understood that, solely to the extent required to enforce any indemnification under this Section 12, PSE waives any immunity it may have under RCW Title 51; except, that the foregoing waiver will not in any way preclude PSE from asserting such immunity directly against any of its own employees or such employees' estates or other representatives. The waiver set forth in this Section 12.3 has been specifically negotiated by the Parties.

12.4 The City's approval or acceptance of any work performed by PSE under this Franchise shall not be grounds for PSE's avoidance of its obligations contained in this Section 12.

Section 13. Insurance.

13.1 During the Term of this Franchise, and as long as PSE maintains Facilities in the Franchise Area, PSE will maintain the following insurance or self-insurance against claims for injuries to persons or damages to property which may arise from or in connection with the exercise of the rights, privileges, and authority granted to PSE in this Franchise or which may arise from, or in connection with, the performance of work hereunder by PSE, its agents, representatives, employees and contractors of any tier. PSE shall pay the costs of such insurance.

13.1.1 Commercial General Liability insurance with limits not less than two million dollars (\$2,000,000) per occurrence for liability arising from bodily injury or death, property damage, and public liability. Such coverage shall include Products-Completed Operations and stop-gap liability.

13.1.2 Automobile liability insurance for owned, non-owned and hired vehicles with a Combined Single Limit of two million dollars (\$2,000,000) for each accident.

13.1.3 Workers' compensation with statutory limits and employer's liability insurance with limits of not less than two million dollars (\$2,000,000).

13.1.4 Excess or Umbrella Liability Insurance extending over and providing coverage at least as broad as the commercial general liability, automobile liability, and employer's liability coverage required herein, in the amount of ten million dollars (\$10,000,000).

13.2 Nothing contained within these insurance requirements shall be deemed to limit the scope, application or limits of the coverage afforded by said policies, which coverage will apply to each named insured to the full extent provided by the terms and conditions of the policy(ies).

13.3 By requiring such minimum insurance, the City shall not be deemed or construed to have assessed the risks that may be applicable to PSE under this Franchise, nor shall such minimum limits be construed to limit any insurance coverage obtained by PSE. PSE shall assess its own risks and, if it deems appropriate or prudent, maintain greater limits and broader coverage.

13.4 The deductible and self-insured retention of the policies shall not limit PSE's liability to the City and shall be the sole responsibility of PSE.

13.5 The insurance policies required in this Franchise are to contain, or be endorsed to contain, the following provisions with respect to all liability policies except Workers' Compensation:

13.5.1 The City shall be covered as an additional insured with respect to liability arising out of activities performed by or on behalf of PSE in connection with this Franchise.

13.5.2 PSE's insurance coverage shall be primary insurance with respect to the City to the extent of PSE's negligent acts or omissions. Any insurance or self-insurance maintained by the City shall not contribute to PSE's insurance or benefit PSE in any way.

13.5.3 PSE's insurance shall apply separately to each insured against whom a claim is made or lawsuit is brought, except with respect to the limits of the insurer's liability.

13.6 With respect to all policies outlined above, PSE shall provide to the City notice of suspension, cancellation, or material reduction in coverage within ten (10) business days after receiving notice of such action from its insurer. In such event, PSE shall obtain and furnish to the City evidence of replacement insurance policies to maintain compliance with the requirements of this Section 13.

13.7 Insurance is to be placed with insurers with an AM Best rating of no less than A-VII.

13.8 PSE shall furnish the City with certificates of insurance and endorsements, as applicable, or confirmation of self-insurance as required by this Franchise. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.

13.9 PSE shall cause each and every PSE contractor of any tier exercising the rights granted to PSE under this Franchise to provide insurance coverage that complies with all applicable minimum requirements of the PSE-provided insurance as set forth in Sections 13.1.1, 13.1.2 and 13.1.3. PSE shall have sole responsibility for determining the Excess or Umbrella limits of coverage required to be obtained by such contractors of any tier.

13.10 PSE may maintain a self-insurance program for its liability exposures in this Franchise, which is consistent with good utility practice. PSE agrees to provide the City with at least thirty (30) days written notice of any material change in PSE's self-funded insurance program and a letter of self-insurance as adequate proof of coverage. If PSE decides to no longer maintain a self-insurance program for its liabilities, PSE must promptly notify the City in writing and provide certificates of insurance and corresponding endorsements evidencing the insurance requirements of this Section 13.

Section 14. Surety - Performance Bond.

14.1 Within thirty (30) days of the Effective Date of this Franchise, PSE shall furnish a performance bond issued by a corporate surety authorized to do surety business in the State of Washington, in an amount reasonably established by the City based on the nature and scope of the work being performed (but not to exceed one hundred thousand dollars [\$100,000.00]) with respect to the performance by PSE of its obligations under this Franchise relating to the restoration of the Franchise Area associated with its construction, installation, maintenance, or removal activities performed under this Franchise, or to reimburse the City for its direct costs associated with such restoration activities. Such financial security shall not be construed to limit PSE's liability to the bond amount, or otherwise limit the City's recourse to any remedy to which the City is otherwise entitled at Law or in equity. If the performance bond is drawn upon by the City for any reason, PSE shall replenish the amount of the performance bond to its original amount within ten (10) business days after the surety approves and pays a draw upon the bond. PSE shall pay all premiums and costs associated with maintaining the performance bond and shall keep the bond in full force and effect at all times during the Term. The Parties agree that PSE's maintenance of the bond required herein shall not be construed to excuse PSE's failure to perform or limit the liability of PSE to the amount of the bond.

14.2 The City may reasonably require additional bonding from PSE for specific PSE projects that have a restoration value for public infrastructure or Right-of-Way as determined by the City that exceeds the amount of the bond specified above.

Section 15. Reservation of Easement in Event of Vacation.

In the event the City vacates any portion of the Franchise Area containing Facilities during the Term, the City will reserve an easement for such Facilities that are located in such vacated portion of the Franchise Area in a manner consistent with the City's vacation procedures, as applicable, and at no cost to PSE. The City will give PSE advance notice of its intent to vacate any portion of the Franchise Area and will consult with PSE regarding the terms and conditions of the easement to be reserved for Facilities.

Section 16. Force Majeure.

If performance of this Franchise, or of any obligation hereunder, is prevented or substantially restricted or interfered with by reason of a Force Majeure Event, the affected Party, upon giving notice to the other Party of the Force Majeure Event and its impact on the affected Party, will be excused from such performance to the extent of and for the duration of such prevention, restriction or interference. The affected Party must use commercially reasonable efforts to avoid or remove such causes of nonperformance under this Franchise and must continue performance hereunder whenever such causes are removed.

Section 17. Dispute Resolution.

17.1 A Dispute must be resolved in accordance with the dispute resolution procedures set forth in this Section 17. A Party will notify the other Party promptly following the occurrence or discovery of a Dispute. The initial mechanism to resolve a Dispute will be by negotiation between the Parties' representatives, so designated by the Parties by notice given pursuant to this Section 17.1.

17.2 If the Parties cannot resolve a Dispute satisfactorily within fifteen (15) business days after receipt of the initial notice in accordance with Section 17.1, either Party may thereafter deliver to the other Party notice initiating the dispute resolution procedures set forth in this Section 17.2. Such notice will (i) contain a detailed description of the issues in Dispute, (ii) identify the senior officers or administrators authorized to settle the Dispute on behalf of the Party providing such notice, and (iii) propose a date or dates, not more than thirty (30) days from the date of such notice (unless otherwise agreed by the Parties), that such officers or administrators are available for a meeting to resolve such Dispute. The recipient Party will, within ten (10) business days following receipt of notice pursuant to this Section 17.2, provide to the notifying Party a parallel schedule of availability of the recipient Party's senior officers or administrators authorized to settle the Dispute on behalf of the recipient Party. Following delivery of the respective senior officers' or administrators' schedules of availability, the senior officers or administrators so designated will engage in good-faith negotiations for a period of at least thirty (30) days after the first meeting between such officers or administrators (or such other time period as may be agreed upon by the Parties), to resolve the Dispute to the satisfaction of both Parties.

17.3 If at any time after the expiration of such thirty (30) day period (or such other time period as may be agreed upon by the Parties pursuant to Section 17.2), a Party determines that continued negotiations with the other Party will not result in a resolution of the Dispute, and if the Party reasonably believes that the other Party is in default of its obligations under this Franchise, such Party may serve upon the other Party a written order to comply with the provisions of this Franchise pursuant to Section 18 (Default).

17.4 Except as otherwise provided in Section 17.3, the Parties intend that the Parties exhaust, in good faith, the procedures for dispute resolution set forth in this Section 17 before a Party exercises any other right or remedy available under this Franchise or at law or in equity.

Section 18. Default.

Subject to the provisions of Section 17, if PSE fails to comply with any of the provisions of this Franchise, the City may serve upon PSE another written notice to so comply within sixty (60) days after the date on which such additional notice is given. If PSE is not in compliance with this Franchise after expiration of such sixty (60) day period, the City may, by ordinance, declare an immediate forfeiture of this Franchise; except, that if any failure to comply with this Franchise by PSE cannot be corrected with due diligence within such sixty (60) day period (PSE's obligation to comply and to proceed with due diligence being subject to unavoidable delays and events beyond its control), the time within which PSE may so comply will be extended for such time as may be reasonably necessary and so long as PSE commences promptly and diligently to effect such compliance.

Section 19. Franchise Term.

19.1 The Term shall be for a period of ten (10) years from and after the Effective Date, unless forfeited, terminated, revoked or amended pursuant to the provisions of this Franchise.

19.2 The Term may be extended by the City's Public Works Department for up to two (2) additional periods of five (5) years each, if so requested by PSE in accordance with this Section 19. The request by PSE must be in writing and made to the City, not more than two (2) years nor less than one hundred eighty (180) days prior to the expiration of the then-current Term. Unless PSE receives written notice from the City prior to expiration of the then-current Term indicating the City has chosen to extend the term of this Franchise (and the length of the extension), then the then-current Term shall not be extended under this Section 19.2.

19.3 If PSE continues to use the Franchise Area after the expiration or termination of this Franchise, such continued use shall be subject to the terms and conditions of this Franchise. Said use shall not constitute a renewal of this Franchise.

Section 20. Franchise Fees and Taxes.

20.1 Pursuant to RCW 35.21.860, the City acknowledges that it is precluded from imposing a franchise fee upon light and power and gas distribution business, as defined in RCW 82.16.010, for use of the Right-of-Way, but that it is authorized to recover its actual administrative expenses pursuant to RCW 35.21.860. In the event of a change in state Law which allows the imposition of a franchise fee by the City upon an electric or natural gas distribution business for the use of the City's Rights-of-Way and the City wishes to impose such a fee for PSE's use of the Franchise Area pursuant to this Franchise, then the City may provide PSE with written notice that it wishes to commence negotiations to amend this Franchise to address any such fee proposed by the City, which notice will describe the proposed fee. Following PSE's receipt of such notice, the Parties will negotiate in good faith to agree upon the amount, type, and terms of any such franchise fee and will memorialize any such agreement between the Parties with respect to any such franchise fee in an amendment to this Franchise.

20.2 Nothing in this Franchise shall limit the City's exercise of its power of taxation in accordance with Law, as exists now or as later amended.

Section 21. Assignment.

PSE will not assign this Franchise to any unaffiliated third party without the prior written consent of the City, which consent will not be unreasonably withheld, delayed or conditioned. Notwithstanding the foregoing, PSE will have the right, without such notice or such written acceptance, to mortgage its rights, benefits and privileges in and under this Franchise for the benefit of bondholders or financial institutions.

Section 22. No Waiver.

Failure of a Party to exercise any rights or remedies under this Franchise shall not constitute a waiver of any such right or remedy or any other right or remedy and shall not prevent the Party from pursuing such right or remedy or any other right or remedy at any future time.

Section 23. Eminent Domain.

Nothing in this Franchise precludes or limits the exercise of eminent domain by the City in accordance with and subject to applicable State Laws.

Section 24. Tariffs.

PSE is subject to regulation by the UTC, including provisions of any tariff on file and in effect with the UTC. This Franchise is subject to the provisions of any applicable tariff on file with the UTC (or its successor). In the event of any conflict or inconsistency between the provisions of this Franchise and any such tariff, the provisions of the tariff will control.

Section 25. Undergrounding of Electric Facilities.

PSE provides electric energy services on a non-preferential basis subject to and in accordance with tariffs on file with the UTC. Subject to the availability of such services in accordance with such tariffs, and if, during the Term, the City directs or otherwise requires PSE to underground overhead electric Facilities within the Franchise Area, such undergrounding will be arranged and accomplished subject to and in accordance with applicable tariffs. This Section 25 governs all matters related to the undergrounding of PSE's overhead electric Facilities within the Franchise Area pursuant to this Franchise.

Section 26. Miscellaneous.

26.1 Unless otherwise specifically provided by this Franchise, all notices, consents, requests, demands or other communications required or permitted by this Franchise must be in writing and given by personal delivery, email, or certified mail. All legal notices provided in connection with this Franchise, including notices relating to breach of this Franchise or a waiver of any right or obligation under this Franchise, however, must be in writing and sent to the notice address set forth in this Section 26.1 of the Party being notified. Such a notice will be deemed effective as follows: (i) if sent by certified mail, with return receipt requested, upon certified receipt; (ii) if sent by a

nationally recognized courier or mail service, delivery charges or postage prepaid, with delivery receipt requested, upon receipt; or (iii) if delivered personally, upon delivery.

To PSE: Municipal Liaison Manager
 Attn: Municipal Relations
 PO Box 97034
 Bellevue, WA 98009
 With a copy sent via email to: Municipal.Relations@pse.com

To the City: City of Redmond
 15670 NE 85th Street
 Redmond, WA 98052
 Attention: Public Works Director

With a copy to:

 City of Redmond
 15670 NE 85th Street
 Redmond, WA 98052
 Attention: City Attorney

A Party may change its address for purposes of this Section 26.1 by giving written notice of such change to the other Party pursuant to this Section 26.1.

26.2 The headings of sections and subsections of this Franchise are for convenience of reference only and are not intended to restrict, affect or be of any weight in the interpretation or construction of the provisions of such sections or subsections.

26.3 Terms defined in a given number, tense or form have the corresponding meaning when used in this Franchise in another number, tense or form. References containing terms such as “hereof,” “herein,” “hereto,” “hereinafter” and other terms of like import are not limited in applicability to the specific provision within which such references are set forth but instead refer to this Franchise taken as a whole. The terms “includes” or “including” will not be deemed limited by the specific enumeration of items, but will be deemed without limitation. The term “or” is not exclusive.

26.4 If any section, sentence, clause, phrase, or provision of this Franchise or the application of such to any person or circumstance shall be held to be invalid or unconstitutional by a court of competent jurisdiction, or is otherwise prohibited or rendered unenforceable by any State or federal Law, such invalidity, unconstitutionality, prohibition or unenforceability shall not affect any other section, sentence, clause, phrase, or provision of this Franchise. In such event, the remainder of this Franchise shall remain valid and in full force and effect. Upon such determination that any term or other provision is invalid, unconstitutional, prohibited, or rendered unenforceable as described in this Section 26.4, the Parties will negotiate in good faith to modify this Franchise so as to maintain the original intent of the Parties as closely as possible in an acceptable manner to

the end that rights and obligations contemplated under this Franchise are fulfilled to the greatest extent possible.

26.5 This Franchise may be amended only by a written instrument, signed by both Parties, which specifically states that it is an amendment to this Franchise and is approved and executed in accordance with Law and by their duly authorized representatives.

26.6 As provided by RCW 35.21.860, the City may recover from PSE actual administrative expenses incurred by the City that are directly related to receiving and approving permits and this Franchise, and to the inspecting of plans and construction, and, if necessary, for the preparation of a detailed statement pursuant to Chapter 43.21C RCW. As such expenses are incurred by the City, the City shall submit to PSE statements/billings for such expenses, and PSE will remit payment within sixty (60) days after its receipt and verification of such statements/billings.

26.7 Nothing in this Franchise will be construed to grant or create any rights or duties to any third party, nor any liability to or standard of care with reference to any third party. This Franchise will not grant or confer any right or remedy upon anyone, other than the City and PSE. No action may be commenced or prosecuted against either the City or PSE by any third party claiming as a third-party beneficiary of this Franchise.

26.8 The Parties will act in good faith and use commercially reasonable efforts to carry out their respective obligations under this Franchise.

26.9 This Franchise will be governed by, subject to and construed under the laws of the State of Washington.

26.10 Any action relating to this Franchise shall be brought in King County Superior Court or, in the case of a federal action, the United States District Court for the Western District of Washington in Seattle, unless an administrative agency has primary jurisdiction.

26.11 All terms and conditions of this Franchise that must be reasonably construed to survive the expiration or termination of this Franchise in order to give full force and effect to the intent of the Parties as set forth herein will survive the expiration or termination of this Franchise, regardless of whether such survival is expressly specified herein.

26.12 As of the Effective Date, this Franchise, including any Acceptance attached hereto, constitutes the entire agreement between the Parties, and supersedes all other prior agreements and understandings, oral and written, between the Parties, with respect to the subject matter hereof.

26.13 If a suit or other action is instituted in connection with any controversy arising out of this Franchise, each Party shall bear its own legal costs and attorneys' fees incurred in defending or bringing such suit or other action, including all appeals.

Section 27. Acceptance.

Within sixty (60) days from the final approval by the City Council and PSE’s receipt of written notice from the City of its execution of this Franchise, this Franchise may be accepted by PSE by executing this Franchise and filing the executed Franchise with the Redmond City Clerk, which act shall be deemed an unconditional written acceptance thereof. Unless this Franchise is accepted pursuant to this Section 27, this Franchise will be voidable at the discretion of the City.

Section 28. Effective Date.

This Ordinance will be effective on _____, 2024, having been: (i) introduced to the City Council not less than five (5) days before its passage; (ii) first submitted to the City Attorney; (iii) published at least five (5) days prior to the effective date of this Ordinance and as otherwise required by Law; and (iv) passed at a regular meeting of the legislative body of the City of Redmond by a vote of a majority of the members on _____, 2024. This Franchise will take effect as of the date of PSE’s written acceptance thereof (the “Effective Date”).

Signed and approved by the Mayor on the ____ day of _____, 2024.

_____, Mayor

ATTEST:

_____, City Clerk

APPROVED AS TO FORM:

_____, City Attorney

Date: _____

HONORABLE MAYOR AND CITY COUNCIL
CITY OF REDMOND, WASHINGTON

In the matter of the application)
of Puget Sound Energy, Inc., a) Franchise Ordinance No. _____
Washington corporation, for a)
non-exclusive franchise to)
construct, operate and maintain)
gas and electric facilities in, upon,)
over, under, along, across and)
through the Franchise Area of)
the City of Redmond, Washington)

ACCEPTANCE

WHEREAS, the City Council of the City of Redmond, Washington, has granted a non-exclusive franchise to Puget Sound Energy, Inc., a Washington corporation, its successors and assigns, by enacting Ordinance No. _____, bearing the date of _____, 2025; and

WHEREAS, a copy of said Ordinance granting said franchise was received by Puget Sound Energy, Inc. on _____, 2025, from said City of Redmond, King County, Washington.

NOW, THEREFORE, Puget Sound Energy, Inc., a Washington corporation, for itself, its successors and assigns, hereby accepts said Ordinance and all the terms and conditions thereof, and files this, its written acceptance, with the City of Redmond, King County, Washington.

IN TESTIMONY WHEREOF said Puget Sound Energy, Inc. has caused this written Acceptance to be executed in its name by its undersigned _____ thereunto duly authorized on this ____ day of _____, 2025.

ATTEST: PUGET SOUND ENERGY, INC.

Title: _____ By: _____
Title: _____

Copy received for City of Redmond
on _____, 2025
By: _____
City Clerk



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 11/4/2024
Meeting of: City Council

File No. SPC 24-085
Type: Executive Session

Potential Litigation [RCW 42.30.110(1)(i)] - 20 minutes



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 11/4/2024
Meeting of: City Council

File No. SPC 24-088
Type: Executive Session

Labor Negotiations [RCW 42.30.140(4)(b)] - 20 minutes

City of Redmond
Payroll Check Approval Register
Pay period: 10/1 - 10/15/2024
Check Date: 10/25/2024

| | | |
|-------------------------------------|----|---------------------|
| Check Total: | \$ | 59,865.91 |
| Direct Deposit Total: | \$ | 2,707,194.09 |
| Wires & Electronic Funds Transfers: | \$ | 1,652,637.51 |
| Grand Total: | \$ | <u>4,419,697.51</u> |

We, the undersigned Council members, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claim is a just, due and unpaid obligation against the City of Redmond, and that we are authorized to authenticate and certify to said claim.

All Checks numbered **188488** through **188505** ,
Direct deposits numbered **174698** through **175460** , and
Electronic Fund transfers **1766** through **1770**
are approved for payment in the amount of **\$4,419,697.51**
on this **4 day of November 2024**.

Note:

Check # 188487 - Check reprint Cheston Nappen

City of Redmond
Payroll Final Check List
Pay period: 10/1 - 10/15/2024
Check Date: 10/25/2024

| | | |
|------------------------------------|----|---------------------|
| Total Checks and Direct deposit: | \$ | 3,979,410.52 |
| Wire Wilmington Trust RICS (MEBT): | \$ | 440,286.99 |
| Grand Total: | \$ | <u>4,419,697.51</u> |

I, the Human Resources Director, do hereby certify to the City Council, that the checks and direct deposits presented are true and correct to the best of my knowledge.

DocuSigned by:
Cathryn Laird
7C0092BCC9C549B...

Human Resources Director, City of Redmond
Redmond, Washington
