

City of Redmond



Agenda

Regular Business Meeting

Tuesday, January 19, 2021

7:00 PM

**Remote Viewing: Redmond.gov/rctlive, Facebook (@CityofRedmond),
Comcast Channel 21, Ziply Channel 34, or listen at 510-335-7371**

City Council

Mayor

Angela Birney

Councilmembers

Tanika Kumar Padhye, President

Jeralee Anderson, Vice-President

David Carson

Steve Fields

Jessica Forsythe

Varisha Khan

Vanessa Kritzer

REDMOND CITY COUNCIL AGENDA SECTION TITLE REFERENCE GUIDE

Items From The Audience provides an opportunity for citizens 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 **four 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. Citizens 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 made to the Council by the department directors 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 citizens to resolve problems with City services. Citizens may reach the ombudsperson by calling the Mayor's office at (425) 556-2101.

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 four 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 Notices, and Minutes are available on the City's Web Site:

<http://www.redmond.gov/CouncilMeetings>

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.

I. SPECIAL ORDERS OF THE DAY**II. ITEMS FROM THE AUDIENCE****III. CONSENT AGENDA****A. Consent Agenda**

1. Approval of the Minutes: January 5, 2021, Regular Business Meeting (Digital recordings of Regular City Council meetings are available for purchase by contacting the City Clerk's Office, and on-demand videos are available online.)

[Regular Meeting Minutes for January 5, 2021](#)

2. Approval of Payroll/Direct Deposit and Claims Checks

[Payroll Check Approval Register, January 8, 2021](#)

[Check Approval Register, January 19, 2021](#)

[Council Payroll Check Approval Register, December](#)

3. [AM No. 21-010](#) Adoption of a Resolution Approving the Planning and Community Development Fee Schedule Amendments - Comprehensive Plan Amendments

a. Resolution No. 1541: A Resolution of the City Council of the City of Redmond, Washington, Amending the User Fee Schedule by Adding Comprehensive Plan Amendment User Fees and Costs to the City Planning and Community Development Department Schedule of Fees Under Redmond Zoning Code 21.76.070

(Planning)

[Attachment A: Planning and Community Development User Fee Amendments](#)

4. [AM No. 21-011](#) Approval of Supplemental Agreement No. 3 with Integrity Structural Engineering, PLLC in the Amount of \$196,425 for Bridge Engineering On-Call Consultant Support for the Overlake Village Station and Redmond Technology Station Pedestrian Bridges

(Public Works)

[Attachment A : Additional Background Information](#)

[Attachment B: Supplement Agreement No. 3](#)

5. [AM No. 21-012](#) Adoption of a Resolution to Set a Public Hearing Date for a Right-of-Way Vacation of a Portion of NE 70th Street
- a. Resolution No. 1542: A Resolution of the City Council of the City of Redmond, Washington, Setting February 16, 2021 as the Date for a Public Hearing on the Vacation of a Portion of NE 70th Street Right-of-Way Lying West of 176th Avenue NE and East of the Western Terminus of NE 70th Street
(Planning/Finance)
- [Attachment A: Supplemental Information](#)
[Attachment B: ROW Vacation Petition](#)
[Attachment C: Resolution](#)
[Attachment C, Exhibit A: Legal Description](#)
6. [AM No. 21-013](#) Acceptance of Construction of the Wastewater Pump Station No. 3 Replacement, City Project No. 20020914, with McClure and Sons, Inc. of Mill Creek, Washington, in the Amount of \$3,686,528.73
(Public Works)
- [Attachment A : Accept WWPS 03](#)
7. [AM No. 21-014](#) Approval of Flexible Spending Account (FSA) Plan Changes in Response to the Consolidated Appropriations Act
(Human Resources)
- [Attachment A: Recommended Changes to the FSA Plan](#)
8. [AM No. 21-015](#) Confirmation of the Appointment of Adrian Sheppard to Serve as Redmond's Fire Chief
(Human Resources)

B. Items Removed from the Consent Agenda

IV. HEARINGS AND REPORTS

A. Public Hearings

B. Reports

1. Staff Reports

- a. [AM No. 21-016](#) Draft ADA Facilities Transition Plan

(Parks)

[Attachment A: Draft Facilities ADA Transition Plan](#)

[Attachment B: Presentation](#)

- b. [AM No. 21-017](#) King County Growth Targets

(Planning)

[Attachment A: Presentation](#)

2. Ombudsperson Report

Carson

3. Committee Reports**V. UNFINISHED BUSINESS****VI. NEW BUSINESS**

- A. [AM No. 21-018](#) Approval of a Contract with Opsis Architecture LLP, in the Amount of \$1,386,732 for Schematic Design of the Redmond Senior and Community Center
(Parks/Public Works)

[Attachment A: Consultant Agreement](#)

[Attachment B: Public Facing Outreach](#)

[Attachment C: Consultant Agreement](#)

- B. [AM No. 21-019](#) Adoption of an Ordinance Amending the Effective Dates of Redmond Ordinance No. 3007, Adopting 2018 Redmond Building Code; and Ordinance No. 3008, Adopting the Redmond Fire Code

1. Ordinance No. 3027: An Ordinance of the City of Redmond, Washington, Amending the Effective Dates of Ordinances No. 3007 and 3008 in Order to Coincide with the Effective Date of the 2018 State Building Code Adopted by the Washington State Building Code Council; Declaring an Emergency and Establishing an Immediate Effective Date for this Ordinance

(Planning/Fire)

[Attachment A: Ordinance](#)

VII. EXECUTIVE SESSION

VIII. ADJOURNMENT



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 1/19/2021

Meeting of: City Council

File No. SPC 21-003

Type: Minutes

Approval of the Minutes: January 5, 2021, Regular Business Meeting (Digital recordings of Regular City Council meetings are available for purchase by contacting the City Clerk's Office, and on-demand videos are available online.)

CALL TO ORDER AND ESTABLISHMENT OF QUORUM

A Regular Meeting of the Redmond City Council was called to order by Mayor Angela Birney at 7:00 p.m. The meeting was held remotely. Council members present and establishing a quorum were: Anderson, Carson, Forsythe, Khan, Kritzer and Padhye.

MOTION: Councilmember Forsythe moved to excuse Councilmember Fields from attendance at the meeting. The motion was seconded by Councilmember Padhye.

VOTE: The motion passed (6 - 0).

SPECIAL ORDERS OF THE DAY

A. COVID-19 Update

Mayor Birney reported to the Members of the Council regarding city operations and addressing COVID-19.

ITEMS FROM THE AUDIENCE

Mayor Birney opened Items from the Audience at this time.

The following person commented regarding noise from, and banning, gas powered lawn equipment: Christa Keizer.

The following person commented regarding strategies for slowing global warming: David Morton.

There being no one else requesting to provide comment, Mayor Birney closed Items from the Audience at this time.

CONSENT AGENDA

MOTION: Councilmember Padhye moved to approve the Consent Agenda. The motion was seconded by Councilmember Anderson.

1. Approval of the Minutes: December 1, 2020, Regular Business Meeting, and December 3, 8, and 10, 2020, Special Meetings
2. Approval of Payroll/Direct Deposit and Claims Checks

PAYROLL/DIRECT DEPOSITS AND WIRE TRANSFERS:

#105809 through #105815
#1254 through #1254

\$8,926.21

#186500 through #186516
#105100 through #105808
#1249 through #1253

\$3,988,366.21

#186519 through #186534
#105816 through #106524
#1255 through #1259

\$4,760,372.65

#186536 through #186549
#106525 through #107235
#1260 through #1264

\$3,509,785.18

CLAIMS CHECKS:

#430066 through #430965

\$17,491,725.14

3. AM No. 21-001¹: Award of Bid for the Sodium Hypochlorite Improvements Project to McClure and Sons Inc. in the Amount of \$347,091
4. AM No. 21-002: Approval of an Interlocal Agreement with City of Kirkland to allow Kirkland Sewer Service for an Existing Residence within the City of Redmond on Parcel 123750 0460 for Jarosz Andrzej
5. AM No. 21-003: Approval of Sewer Service Outside City Limits for an Existing Residence on Parcel No. 312606 9127 for Mena Nair, OSA 20-001

¹ This item was commented on.

6. AM No. 21-004: Award of Bid to Dalton Electric Corp. in the Amount of \$1,240,763 for the Pump VFD Replacement Project
7. AM No. 21-005: Approval to Enter into Two Mutual Aid Agreements (MAA) with WSDOT and other Agencies for Emergency Response

VOTE: The motion passed (6 - 0).

HEARINGS AND REPORTS

STAFF REPORT

- a. AM No. 21-006: Redmond Zoning and Municipal Code - Annual Cleanup

Carol Helland, Director of Planning and Community Development, introduced this item. Kimberly Dietz, Senior Planner, and Sarah Pyle, Planning Manager, provided a report to the Members of the Council and responded to Councilmember inquiries.

- b. AM No. 21-007: Draft Housing Action Plan

Carol Helland, Director of Planning and Community Development, introduced this item. Beverly Mesa-Zendt, Deputy Director of Planning and Community Development, Brooke Buckingham, Senior Planner, Kimberly Dietz, Senior Planner, Sarah Pyle, Planning Manager, and Morgan Shook, ECONorthwest, provided a report to the Members of the Council and responded to Councilmember inquiries.

- c. AM No. 21-008: Development Review Fee Amendments Comprehensive Plan Amendments

Carol Helland, Director of Planning and Community Development, introduced this item. Beverly Mesa-Zendt, Deputy Director of Planning and Community Development, provided a report to the Members of the Council and responded to Councilmember inquiries.

OMBUDSPERSON REPORT

Councilmember Forsythe reported receiving resident contacts regarding:

- Responsiveness in City government;
- Rank choice voting;
- Community recycling event;
- Council decorum and leadership;

- Density and outdoor living;
- Senior Center, safety and engagement;
- Fiscal responsibility;
- Community Center;
- Gas powered lawn equipment;
- Blocking sidewalks;
- Trail safety;
- Council staff and interns;
- Winterization;
- Budget;
- Scooter riders on sidewalks;
- Mental health;
- Facilities strategic master plan;
- Redmond lights blinkers;
- Light rail safety;
- CERT food distribution program;
- Police body camera webinar;
- Rise in COVID cases and a breakout in Emerald Heights;
- Padel Court; and
- B&O tax.

Councilmember Carson reported receiving resident contacts regarding:

- Head tax;
- Lift station 3 construction;
- Racing of loud cars;
- Timeliness of police response to a prowler call; and
- Committee of the whole meeting and having cameras on.

COMMITTEE REPORTS

Councilmember Forsythe provided the following committee reports:

- Parks and Human Services Committee of the Whole;
- Eastrail;
- Senior lunch program;
- Senior Center stakeholder briefing; and
- Redmond Lights window displays.

Councilmember Kritzer provided the following committee report:

- Eastside Transportation Partnership.

Councilmember Anderson provided the following committee reports:

- Public Works Board.

NEW BUSINESS

A. AM No. 21-009: Approve Interlocal Agreement with the City of Kirkland for Willows Road Intertie, Authorize Construction of the Willows Road Water Main Extension and Additional Connection Charge

1. Resolution No. 1540: A Resolution of the City Council of the City of Redmond, Washington, Establishing the Amount of Additional Connection Charges for the Willows Road Water Main Extension Area

Dave Juarez, Public Works Director, and Steve Hitch, Engineering Supervisor, provided a report to the Members of the Council and responded to Councilmember inquiries.

MOTION: Councilmember Carson moved to approve AM No. 21-009. The motion was seconded by Councilmember Anderson.

VOTE: The motion passed (6 - 0).

ADJOURNMENT

The regular meeting adjourned at 9:14 p.m.

ANGELA BIRNEY, MAYOR

CITY CLERK

Minutes Approved: January 19, 2021



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. SPC 21-004
Type: Check Register

Approval of Payroll/Direct Deposit and Claims Checks

City of Redmond
 Payroll Check Approval Register
 Pay period: 12/16 - 12/31
 Check Date: 01/08/2021

Check Total:	\$ 84,579.40
Direct Deposit Total:	\$ 2,227,055.70
Wires & Electronic Funds Transfers:	\$ 1,482,261.19
Grand Total:	\$ 3,793,896.29

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 **186553** through **186575** ,
 Direct deposits numbered **107245** through **107954** , and
 Electronic Fund transfers **1265** through **1270**
 are approved for payment in the amount of **\$3,793,896.29**
 on this **5th day of January 2021**.

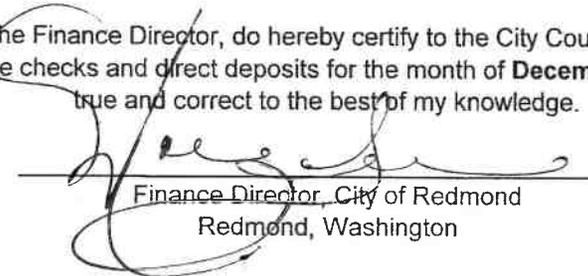
Note:

- 107243 - Martin Fuller Special - funding with 1/8/21 payroll register
- 107244 - Timothy Gately Special - funding with 1/8/21 payroll register
- 186550 - Victoria Jurek Void/Reissue - funding with 1/8/21 payroll register
- 186551 - Adjustment for Vanessa Kritzer, benefits overpayment
- 186552 - Replacement Check Issued to Terrance Houghton, Lost Check

City of Redmond
 Payroll Final Check List
 Pay period: 12/16 - 12/31
 Check Date: 01/08/2021

Total Checks and Direct deposit:	\$ 3,374,323.81
Wire Wilmington Trust RICS (MEBT):	\$ 419,572.48
Grand Total:	\$ 3,793,896.29

I, the Finance Director, do hereby certify to the City Council, that the checks and direct deposits for the month of **December** are true and correct to the best of my knowledge.



 Finance Director, City of Redmond
 Redmond, Washington

12/16/2020 to 12/31/2020- Type 1 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107245	1/8/2021	047493	BALSER, TYLER K	0.00	2,603.75
107246	1/8/2021	047774	BIEGEL, KALLI R	0.00	2,233.71
107247	1/8/2021	047122	BIRNEY, ANGELA E ✓	0.00	4,063.40
107248	1/8/2021	046739	BREWER, JUSTIN S	0.00	3,067.96
107249	1/8/2021	002236	CORNWELL, CHIP J	0.00	2,042.88
107250	1/8/2021	047627	CROSS, CHARLIANN K	0.00	2,681.20
107251	1/8/2021	047377	DELARME, BRANT R	0.00	2,459.84
107252	1/8/2021	024749	KEOGH, TERESA R	0.00	1,790.95
107253	1/8/2021	047784	KETKALE, CHAITRALI RAJU	0.00	1,559.66
107254	1/8/2021	047292	LALOR, JACQUELINE M	0.00	3,567.89
107255	1/8/2021	047789	LYBECK, JENNY	0.00	2,631.85
107256	1/8/2021	041692	MAHER, LISA A	0.00	3,704.94
107257	1/8/2021	047314	MCKEE, SHELLY S - merit bonus	0.00	4,711.02
107258	1/8/2021	047362	MUELLER, REBECCA L	0.00	3,433.42
107259	1/8/2021	047770	PESHTAZ, PALWASHAA	0.00	3,708.68
107260	1/8/2021	002641	RIVKIN, NINA S - merit bonus	0.00	8,547.18
107261	1/8/2021	002711	SMITH, JILL E	0.00	3,286.22
107262	1/8/2021	046874	SMITH, SARA L	0.00	2,242.92
107263	1/8/2021	002719	SNOW, STEFANIE H	0.00	1,150.84
107264	1/8/2021	047123	VAN RY, ANIKA C	0.00	2,448.25
107265	1/8/2021	047136	WHATTAM, MAXINE R - severance pay	0.00	18,333.39
107266	1/8/2021	046804	XANTHOS, CHERYL D	0.00	3,002.12
107267	1/8/2021	038392	AYERS, MICHELE R	0.00	1,916.63
107268	1/8/2021	002004	BARKER, THERESA	0.00	1,395.61
107269	1/8/2021	040430	BENSON, MICHAEL W	0.00	1,771.99
107270	1/8/2021	047761	BERENS, MARK J	0.00	2,694.82
107271	1/8/2021	047174	ELSOM, JULIANA R	0.00	3,180.91
107272	1/8/2021	047732	FRAZZINI, JEFFREY A	0.00	1,695.77
107273	1/8/2021	047658	FREELAND, BRADLEY JAY	0.00	3,802.42
107274	1/8/2021	047616	GLAGOLEVA, ALLA V	0.00	1,552.77
107275	1/8/2021	036500	HERMOSO, NIDA V	0.00	2,427.39
107276	1/8/2021	039540	HULSKAMP, GLORIA	0.00	2,408.95
107277	1/8/2021	047550	KAM, AMY	0.00	2,284.91
107278	1/8/2021	047132	KIMMEL, TRACY L	0.00	1,649.32
107279	1/8/2021	046735	MATUZOVA, EKATERINA	0.00	2,139.07
107280	1/8/2021	046303	VIOLANTE, NANCY M	0.00	508.97
107281	1/8/2021	038183	WOO, SIU FUN STEPHANIE	0.00	2,749.73
107282	1/8/2021	040623	BANSCHBACH, IRENE F	0.00	2,711.69

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107283	1/8/2021	002019	FILES, MALISA W	0.00	5,146.86
107284	1/8/2021	042236	FONG, KALE	0.00	2,336.89
107285	1/8/2021	042177	MORGAN, JESSICA RUTH	0.00	1,742.08
107286	1/8/2021	002010	COCHRAN, KELLEY K ✓ - work out class pay	0.00	4,967.59
107287	1/8/2021	041411	EDWARDSSEN, RYAN M	0.00	3,224.62
107288	1/8/2021	044879	FLYNN, MARISSA V	0.00	3,002.68
107289	1/8/2021	047646	HONMA, DOUGLAS K	0.00	3,135.50
107290	1/8/2021	047125	NARRA, HARITHA	0.00	2,604.10
107291	1/8/2021	047631	RELLER, CHRISTINA R	0.00	2,825.15
107292	1/8/2021	002828	YEAGER, SANDRA B	0.00	3,144.56
107293	1/8/2021	047575	COMETTO, LUCAS M	0.00	2,504.75
107294	1/8/2021	047365	KERANOVA, DEBBIE K	0.00	3,413.40
107295	1/8/2021	047366	O'SULLIVAN, ADAM G	0.00	2,374.54
107296	1/8/2021	047765	STENERSON, AUDREY R	0.00	2,160.68
107297	1/8/2021	047051	FANI, JUDITH A	0.00	2,346.40
107298	1/8/2021	002505	MARPERT, TERENCE C	0.00	3,571.63
107299	1/8/2021	047561	BARRANS, ERIC	0.00	1,653.66
107300	1/8/2021	047760	BUDIATI SZKUTNIK, RIZKA	0.00	1,574.84
107301	1/8/2021	047254	OSKIERKO, TAMERA A	0.00	2,390.63
107302	1/8/2021	045707	UBEZZI, MARIA T	0.00	2,626.98
107303	1/8/2021	042243	BARRETT, BRIAN SAMUEL	0.00	3,072.15
107304	1/8/2021	047512	BROWN, ANGELA B	0.00	1,896.62
107305	1/8/2021	047121	CHEN, ERIC CHAO-HUEI	0.00	1,733.80
107306	1/8/2021	002821	DELOACH, DAWN MICHELLE	0.00	2,216.18
107307	1/8/2021	002276	DUONG, TRUNG T	0.00	3,219.08
107308	1/8/2021	002331	GIESEKE, RICHARD E - O.T.	0.00	4,630.39
107309	1/8/2021	036380	HAWKINS, CHRISTOPHER LANG	0.00	4,235.54
107310	1/8/2021	038207	HEAD, ALEX G	0.00	2,553.22
107311	1/8/2021	047334	HOOPER, PATRICIA J	0.00	3,661.86
107312	1/8/2021	046949	HOWLAND, SARAH J	0.00	2,198.95
107313	1/8/2021	047357	KARLSSON, MIA M	0.00	1,625.80
107314	1/8/2021	002465	LANGTON, THOMAS F ✓	0.00	5,061.84
107315	1/8/2021	002492	LOWRY, SHAWN T - O.T.	0.00	5,915.31
107316	1/8/2021	007277	LYONS, BILLY M	0.00	3,384.68
107317	1/8/2021	047213	MARSHALL, AUSTIN W - C.T / Standby	0.00	5,602.26
107318	1/8/2021	047351	MEEHAN, MICHAEL J	0.00	2,570.74
107319	1/8/2021	046992	MILLER, AARON C	0.00	2,938.28
107320	1/8/2021	031253	MOORHEAD, AMY JO	0.00	3,393.99

Fire ↓

12/16/2020 to 12/31/2020- Type 1 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107321	1/8/2021	037028	MULLINAX, ADAM E	0.00	2,916.13
107322	1/8/2021	002567	NOBLE, STANLEY D	0.00	3,822.45
107323	1/8/2021	046566	OLSON, JANEEN R	0.00	2,664.46
107324	1/8/2021	002646	ROBILLARD, BRIAN C -O.T.	0.00	5,239.06
107325	1/8/2021	002661	SANDERSON, DON -O.T.	0.00	7,317.03
107326	1/8/2021	002692	SHORT, TODD E ✓	0.00	4,966.20
107327	1/8/2021	036399	SIMON, JOHN KARL	0.00	4,090.26
107328	1/8/2021	002709	SMITH, GARY E	0.00	3,965.89
107329	1/8/2021	002716	SMITH, PAUL E	0.00	2,628.79
107330	1/8/2021	047519	SPICKLER, ERIC R	0.00	3,876.24
107331	1/8/2021	002775	TOLES, GEORGE N	0.00	3,522.48
107332	1/8/2021	002789	TURNER, CHARLES S	0.00	3,797.12
107333	1/8/2021	047210	WALSH, DYLAN K -O.T.	0.00	6,186.46
107334	1/8/2021	033248	WHITNEY, JAMES EDWIN	0.00	3,513.27
107335	1/8/2021	002829	YOON, BRIAN C	0.00	3,190.97
107337	1/8/2021	002831	YOST, DANA A -O.T.	0.00	5,748.79
107336	1/8/2021	002834	ZAPFFE, CARL R	0.00	1,985.65
107338	1/8/2021	047491	AARON, JOHN-CARLOS D	0.00	2,382.55
107339	1/8/2021	002079	ALEXANDER, JASON W -O.T.	0.00	6,344.16
107340	1/8/2021	002094	ANDERSON, TODD P	0.00	3,715.11
107341	1/8/2021	002163	BOYLAN, CHRISTOPHER J -OT	0.00	5,047.15
107342	1/8/2021	047489	BUTLER, ANDREW B	0.00	2,191.66
107343	1/8/2021	047349	CLARK, RAINA O	0.00	3,104.76
107344	1/8/2021	002245	CROWE, JEFF C	0.00	2,806.57
107345	1/8/2021	002272	DUBEE, ERIC A	0.00	3,240.86
107346	1/8/2021	002275	DUNN, PATRICK K -O.T.	0.00	4,501.83
107347	1/8/2021	046967	DYGERT, EBEN E	0.00	3,643.99
107348	1/8/2021	002284	ELERICK, JAMES H	0.00	2,033.42
107349	1/8/2021	002297	FENNELL, NATHAN R	0.00	3,144.10
107350	1/8/2021	041563	FREI, JOSHUA ADAM	0.00	3,739.47
107351	1/8/2021	002317	FREYMUTH, MARK A -O.T.	0.00	14,033.22
107352	1/8/2021	002347	GOUDZWAARD, MICHAEL J	0.00	3,898.18
107353	1/8/2021	002366	HAGER, DANIEL L	0.00	3,544.61
107354	1/8/2021	002415	JOHANSSON, DAVID K	0.00	3,669.92
107355	1/8/2021	047718	KESSELRING, QUINN C	0.00	2,113.90
107356	1/8/2021	036439	MANCHIK, SERGEY Y	0.00	3,286.09
107357	1/8/2021	002529	MEEK, KEVIN T	0.00	4,180.22
107358	1/8/2021	047067	MEZZONE, CHRIS A -O.T.	0.00	6,555.29

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107359	1/8/2021	034908	MORRIS, COY MICHAEL	0.00	2,802.30
107360	1/8/2021	047352	O'CONNELL, SHANE D	0.00	3,007.85
107361	1/8/2021	002577	ODELL JR, JAMES C	0.00	4,086.21
107362	1/8/2021	047353	PACKARD, CAMERON R	0.00	3,694.72
107363	1/8/2021	046964	PARNELL, TYLER L	0.00	2,779.11
107364	1/8/2021	038199	PEDEFERRI, AARON J	0.00	3,109.54
107365	1/8/2021	038219	PEEPLS, JOSHUA DAVID -O.T.	0.00	4,632.86
107366	1/8/2021	034910	PETERSON, MATTHEW W	0.00	4,376.31
107367	1/8/2021	047071	PIERCE, BRANDON R	0.00	4,002.56
107368	1/8/2021	002612	POFF, JEFFREY R -O.T.	0.00	4,890.14
107369	1/8/2021	002616	PRIEBE, WILLIAM R	0.00	3,720.15
107370	1/8/2021	034693	SCHEAFFER, DOUGLAS KENRIC	0.00	2,640.39
107371	1/8/2021	002701	SINCLAIR, RICK M -O.T.	0.00	6,811.76
107372	1/8/2021	047517	STEWART, ROBERT J	0.00	2,997.40
107373	1/8/2021	047209	SWIFT, JOEL M	0.00	4,197.05
107374	1/8/2021	047074	TETERIN, ARTEM S	0.00	3,410.06
107375	1/8/2021	002763	THOMAS, SCOTT A	0.00	4,343.93
107376	1/8/2021	047355	VALENTA, JARED J	0.00	2,575.96
107377	1/8/2021	047080	VILADAS, JORDI C -O.T.	0.00	4,986.54
107378	1/8/2021	046842	WHITE, JOSEPH G	0.00	3,161.54
107379	1/8/2021	002101	ASHMORE, RALPH	0.00	4,211.25
107380	1/8/2021	038201	ATKINSON, JOHN PAUL	0.00	4,289.90
107381	1/8/2021	047076	BAKKE, MICHAEL D	0.00	4,124.76
107382	1/8/2021	002150	BLACK, JACOB O -O.T.	0.00	5,954.07
107383	1/8/2021	046969	BURNETT, W NATHANIEL	0.00	3,667.96
107384	1/8/2021	002187	BYRUM, DAVID K	0.00	3,441.90
107385	1/8/2021	041569	CARLSON, SCOTT ELLIOT	0.00	3,404.51
107386	1/8/2021	002204	CASSADY, DREW M	0.00	3,319.94
107387	1/8/2021	046968	CONNER, MATTHEW C	0.00	3,009.68
107388	1/8/2021	002255	DAVIS, SHARON L -O.T.	0.00	4,946.81
107389	1/8/2021	047487	DEES, NICHOLAS R	0.00	2,357.83
107390	1/8/2021	047065	DOWNS, ELIZABETH S -O.T.	0.00	4,709.60
107391	1/8/2021	047205	ERCHINGER, REICHL S	0.00	2,857.68
107392	1/8/2021	047721	FOLLETT, MATTHEW R	0.00	2,124.88
107393	1/8/2021	031439	FREEMAN, CALEB D -O.T.	0.00	5,798.28
107394	1/8/2021	002329	GENGO, STEVAN M -O.T.	0.00	5,006.52
107395	1/8/2021	002360	GUENTHER, STEPHEN C	0.00	3,963.26
107396	1/8/2021	038211	HALLIFAX, ALISON LAUREN	0.00	2,739.02

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107397	1/8/2021	042555	HARDING, NOAH S	0.00	2,153.28
107398	1/8/2021	046841	HOLTHENRICHS, JOSHUA R	0.00	3,059.97
107399	1/8/2021	034689	HOUGHTON JR, TERRANCE DALE - O.T.	0.00	4,931.48
107400	1/8/2021	002453	KNIGHT, DAVID M	0.00	3,959.91
107401	1/8/2021	046965	LANCASTER II, JERRY E	0.00	3,209.14
107402	1/8/2021	047484	MANNING, SUNSHINE S	0.00	3,453.59
107403	1/8/2021	033418	NELSON, MATTHEW L - O.T.	0.00	4,666.13
107404	1/8/2021	041573	NORTON, THOMAS BENJAMIN - O.T. / Expense Reimburse	0.00	5,624.20
107405	1/8/2021	047244	OLSON, JEFFREY J	0.00	2,874.08
107406	1/8/2021	002583	OSBORNE, ISRAEL Z	0.00	3,289.81
107407	1/8/2021	036396	OWENS, ANTHONY MATTHEW	0.00	3,790.20
107408	1/8/2021	047208	REECE, RUSSELL J	0.00	2,881.60
107409	1/8/2021	037035	RICHARDS, JEFFREY ALAN	0.00	2,334.32
107410	1/8/2021	047211	SEEFRIED, LOREN W	0.00	2,798.84
107411	1/8/2021	002696	SIEMERS, JEFFREY W - O.T.	0.00	4,683.68
107412	1/8/2021	047518	STEBLIY, ANDREW J	0.00	2,169.97
107413	1/8/2021	047245	STONE, JORDAN L	0.00	2,629.83
107414	1/8/2021	002740	STUBBLEFIELD, ROGER A	0.00	3,327.14
107415	1/8/2021	047246	VOLKENING, ANDREW L	0.00	3,183.49
107416	1/8/2021	041555	WATSON, DAVID C	0.00	2,885.47
107417	1/8/2021	040528	WOODBURY, CHRISTOPHER M - O.T.	0.00	6,516.70
107418	1/8/2021	038217	ZELLER, ERNEST J	0.00	4,420.39
107419	1/8/2021	002085	ALSIN, DAVIN T	0.00	3,156.61
107420	1/8/2021	002090	ANDERSON, GARY D - O.T.	0.00	9,824.24
107421	1/8/2021	002103	ATKINS, MARK T	0.00	3,054.40
107422	1/8/2021	002118	BALSER, MATTHEW W	0.00	3,035.30
107423	1/8/2021	038203	BEATY, LUCAS P - O.T.	0.00	4,809.69
107424	1/8/2021	038205	BYRNE, PATRICK CHARLES	0.00	2,400.28
107425	1/8/2021	041567	COBB, DAVID W	0.00	3,066.23
107426	1/8/2021	002231	CONWAY, PETER W	0.00	3,403.68
107427	1/8/2021	047073	CRONIN, BRYCE M	0.00	2,789.14
107428	1/8/2021	037024	DAVIS, MICHELLE E	0.00	4,428.13
107429	1/8/2021	047223	DECARO, ANDREA A - O.T.	0.00	6,910.37
107430	1/8/2021	002260	DEFAZIO, ANDREW F - O.T.	0.00	11,176.84
107431	1/8/2021	041565	FORD, DANIEL K	0.00	3,579.90
107432	1/8/2021	047075	FULLER, ALSTON R	0.00	3,147.06
107433	1/8/2021	002321	FULLER, JEFFREY K - O.T.	0.00	5,297.77
107434	1/8/2021	047554	GORDON, NICHOLAS J	0.00	3,970.48

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107435	1/8/2021	002395	HILL, JAMES G	0.00	3,380.09
107436	1/8/2021	047520	HOLBROOKS, NINA M	0.00	2,279.16
107437	1/8/2021	036382	HUTTON, WILLIAM T - O.T.	0.00	5,974.65
107438	1/8/2021	002417	INGEBRIGTSON, CHRISTOPHER	0.00	3,563.87
107439	1/8/2021	047079	KENDO, BENJAMIN J	0.00	2,865.12
107440	1/8/2021	047485	KICEINA, SAMUEL D	0.00	2,751.78
107441	1/8/2021	034912	LABAY, R D	0.00	3,094.10
107442	1/8/2021	036392	MARTIN, BRYAN BENTHAM	0.00	3,186.52
107443	1/8/2021	002542	MORAN, JAMES C - O.T.	0.00	5,908.59
107444	1/8/2021	037032	MORRISSON, TODD MICHAEL	0.00	3,557.77
107445	1/8/2021	002554	NAVARRO, MICHAEL G	0.00	3,117.37
107446	1/8/2021	002560	NEWTON, SCOTT C - O.T.	0.00	4,600.54
107447	1/8/2021	002572	NORMAN, SHANNON M	0.00	3,431.74
107448	1/8/2021	047078	PEARSON, MITCHELL R	0.00	3,382.17
107449	1/8/2021	002627	RATCLIFF, RICHARD E - O.T.	0.00	5,767.48
107450	1/8/2021	047719	SAWAYA, ALAINA H	0.00	2,443.12
107451	1/8/2021	046963	SCHAEFFER, JOSHUA B - O.T.	0.00	5,013.18
107452	1/8/2021	002720	SOFIE, TRAVIS W	0.00	2,881.70
107453	1/8/2021	002755	TAYLOR, BRIAN S	0.00	3,155.33
107454	1/8/2021	002771	TIERRA, ALEX	0.00	3,623.63
107455	1/8/2021	002778	TOUPIN, MARC E	0.00	3,495.86
107456	1/8/2021	046840	TUPEN, COLTON J	0.00	3,332.39
107457	1/8/2021	002802	WAITE, MICHAEL P - O.T.	0.00	7,453.01
107458	1/8/2021	046962	WEST, AUSTIN J	0.00	2,434.96
107459	1/8/2021	036401	WILLIAMS, MARK DUSTIN	0.00	3,629.72
107460	1/8/2021	046946	ASSAKER, JOHN P	0.00	2,476.08
107461	1/8/2021	047742	BRANSON, TIAH N	0.00	2,315.89
107462	1/8/2021	047165	BRUCE, NICOLE L	0.00	2,396.79
107463	1/8/2021	047457	DALY, KSENIYA M	0.00	2,990.72
107464	1/8/2021	047585	DOLQUIST, BRANDON A	0.00	2,269.91
107465	1/8/2021	047458	GRADY, MARY R	0.00	3,092.97
107466	1/8/2021	047090	HULVERSON, KRISTINA F	0.00	3,696.44
107467	1/8/2021	047128	JOHNSON, KATHY JOANNE	0.00	1,043.75
107468	1/8/2021	047126	LAIRD, CATHRYN M	0.00	4,382.24
107469	1/8/2021	047467	MCDONNELL, KIRSTEN J	0.00	2,467.02
107470	1/8/2021	047766	MILLER, CHARITY TRUE	0.00	3,506.20
107471	1/8/2021	047505	SMITH, LINDSAY D	0.00	1,710.37
107472	1/8/2021	030607	TREMBLE, TERESA G	0.00	3,626.88

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107473	1/8/2021	047282	AKEN, JEFFREY M	0.00	3,256.38
107474	1/8/2021	046927	BURTSCHKE, HEATHER R	0.00	2,263.79
107475	1/8/2021	047745	HAMILTON, LOREEN G	0.00	3,612.02
107476	1/8/2021	047707	HITE, CARRIE	0.00	5,254.97
107477	1/8/2021	044121	HOLMES, JULIE MARIE - term payout vacation bank.	0.00	7,841.53
107478	1/8/2021	002713	MCGINTY, KIM L	0.00	2,503.75
107479	1/8/2021	047717	SHINODA, DENISE	0.00	1,998.49
107480	1/8/2021	043745	SPENCER, RYAN J	0.00	3,560.20
107481	1/8/2021	047570	WEBER, CHRISTOPHER	0.00	2,846.17
107482	1/8/2021	002092	ANDERSON, SCOTT D	0.00	2,752.20
107483	1/8/2021	031012	BARTH, ANGELA LOUISE	0.00	2,212.18
107484	1/8/2021	047705	EDMUNDS, DANIELLE K	0.00	1,327.48
107485	1/8/2021	047031	HEARNE, ROBERT A	0.00	2,114.32
107486	1/8/2021	047009	HOUGHTON, KENNETH L	0.00	3,558.04
107487	1/8/2021	046956	KUHNHAUSEN, QUINN D	0.00	3,754.22
107488	1/8/2021	042634	PETERSON, MARK D	0.00	2,358.63
107489	1/8/2021	046930	SHEPHERD, TORIN E	0.00	2,103.47
107490	1/8/2021	047611	SKIPTON, HOLLY LEE ANN	0.00	0.00
107491	1/8/2021	047703	SWANEY, KEVIN S	0.00	2,426.24
107492	1/8/2021	002097	ANGEVINE, MARGARET E	0.00	2,826.06
107493	1/8/2021	047613	ASARO, VALERIE G	0.00	1,563.11
107494	1/8/2021	002173	BROWN, MICHAEL K	0.00	2,203.39
107495	1/8/2021	046077	DAVIS, MATTHEW A	0.00	1,749.12
107496	1/8/2021	037785	JAMMERMAN, TROY SCOTT	0.00	2,483.77
107497	1/8/2021	033770	JEFFRIES, KEVIN M	0.00	3,594.08
107498	1/8/2021	002441	KENCKE, DANIEL L	0.00	2,856.10
107499	1/8/2021	047617	KULAK, JOSEPH M	0.00	1,733.36
107500	1/8/2021	047619	LAURITZEN, ANDREW J	0.00	1,730.88
107501	1/8/2021	002484	LOESCH, SHARON D	0.00	2,461.30
107502	1/8/2021	002491	LOVITT, TINA M	0.00	2,320.55
107503	1/8/2021	002536	MINNIX, SPENCER D	0.00	2,156.01
107504	1/8/2021	044114	MISSEL, JESSICA E	0.00	2,292.93
107505	1/8/2021	002581	O'NEAL, ERIC P	0.00	2,734.56
107506	1/8/2021	047147	POLK, MARY G	0.00	1,714.99
107507	1/8/2021	046585	RAYNER SHEPARD, DARCEY LYNNE	0.00	2,985.73
107508	1/8/2021	002633	REZNICK, ALAN G	0.00	2,587.43
107509	1/8/2021	037566	ROBBINS, SHARYN D	0.00	1,143.98
107510	1/8/2021	047146	RODRIGUEZ, JOSE M	0.00	1,668.52

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107511	1/8/2021	047460	SCHAEFER, SANDY M	0.00	1,580.77
107512	1/8/2021	039752	SCHWEIKHARDT, ERIK P	0.00	2,473.87
107513	1/8/2021	024738	SEHNER, KEVIN M	0.00	2,760.14
107514	1/8/2021	046770	STACHOWIAK, MATTHEW L	0.00	2,160.62
107515	1/8/2021	039875	STORM, ANDREW HARRISON	0.00	2,112.84
107516	1/8/2021	002776	TOLONEN, CHRISTOPHER L	0.00	2,577.45
107517	1/8/2021	002787	TUCHEK, DAVID W	0.00	3,619.43
107518	1/8/2021	047499	UNCAPHER, HEATH W	0.00	1,589.05
107519	1/8/2021	002794	VAN DE VANTER, SCOTT E	0.00	3,084.22
107520	1/8/2021	039750	VILLASENOR, JOSE N	0.00	2,156.86
107521	1/8/2021	047372	BODMER, KAY A	0.00	984.21
107522	1/8/2021	002156	BOGGS, MARTY E	0.00	3,270.96
107523	1/8/2021	046987	BOUWMAN, SARA L	0.00	2,077.57
107524	1/8/2021	047545	BRITTON, AMBER J - term vacation/comp payout & tuition	0.00	13,044.21
107525	1/8/2021	047733	BROOKS, JULIJANA L	0.00	219.20
107526	1/8/2021	047510	CARTER, KATHLEEN M	0.00	278.99
107527	1/8/2021	047798	CARTIER, MARIKA	0.00	123.81
107528	1/8/2021	046724	CRAIN, JOHN D	0.00	57.93
107529	1/8/2021	045678	DUNAJSKA, JANA	0.00	135.82
107530	1/8/2021	047592	FISHER, LIOR	0.00	306.51
107531	1/8/2021	047394	FRASER, KATHERINE M	0.00	2,720.49
107532	1/8/2021	047783	FULLWILER, STACEY	0.00	2,128.44
107533	1/8/2021	047801	GILLET, PIPER RAY	0.00	353.24
107534	1/8/2021	047295	GORDON, MICHELLE L	0.00	528.19
107535	1/8/2021	047586	GUPTIL, JEFFREY J	0.00	1,998.34
107536	1/8/2021	002365	HAGEN, JEFFREY A	0.00	3,235.04
107537	1/8/2021	046851	HALEY, LISA W	0.00	834.56
107538	1/8/2021	047596	HEWITT, LAUREN L	0.00	378.72
107539	1/8/2021	046759	HORNER, AUSTIN R	0.00	2,069.91
107540	1/8/2021	002427	JOHNSON, LUCINDA B	0.00	2,861.96
107541	1/8/2021	047277	KENNEDY, BETHANY M	0.00	3,224.64
107542	1/8/2021	047288	KIRCHOFF, JOAN A	0.00	3,450.40
107543	1/8/2021	040756	LOCKE, MICHAEL P	0.00	2,282.84
107544	1/8/2021	037275	MAYNARD, ALI MARIE	0.00	2,410.91
107545	1/8/2021	045571	MIODUSZEWSKI, QUINTEN T	0.00	1,787.44
107546	1/8/2021	047779	MORTON, SARAH M - term, vacation payout	0.00	4,858.72
107547	1/8/2021	002607	PHILLIPS, KAREN L	0.00	2,615.26
107548	1/8/2021	047345	PRATT, BRITTANY N	0.00	2,375.96

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107549	1/8/2021	047647	SCHWARTZ, KATHERINE A	0.00	2,346.57
107550	1/8/2021	040852	SMITH, SAMANTHA ERIN	0.00	2,236.77
107551	1/8/2021	047139	SMITH, SIDNEY ELIZABETH	0.00	2,190.46
107552	1/8/2021	047375	STETSON, IOLA L	0.00	3,290.91
107553	1/8/2021	047650	VAN DER VEEN, MELISSA A	0.00	276.24
107554	1/8/2021	047811	ADAMS-LEE, KATHRYN	0.00	2,727.71
107555	1/8/2021	047620	ALLEN, JAIME MARIE	0.00	1,658.20
107556	1/8/2021	047063	ATWOOD, MICHAEL T	0.00	1,744.09
107557	1/8/2021	047347	AWAD, HEBATALLAH	0.00	2,873.98
107558	1/8/2021	047358	BABU, SEETHU M	0.00	1,981.28
107559	1/8/2021	002135	BEAM, CATHERINE A	0.00	1,737.70
107560	1/8/2021	046781	BENGOCHEA, TALON A	0.00	2,987.97
107561	1/8/2021	046676	BIEN, ALARIC	0.00	3,140.37
107562	1/8/2021	046866	BISHOP, CYNTHIA ANN	0.00	1,923.33
107563	1/8/2021	047551	BORDEAUX, DENNIS K	0.00	3,049.31
107564	1/8/2021	046978	BOTTMAN, CRAIG R	0.00	3,072.51
107565	1/8/2021	047501	BROWN, BRUCE C	0.00	3,174.68
107566	1/8/2021	032608	BUCKINGHAM, BROOKE ELAINE - work out of class pay	0.00	4,310.43
107567	1/8/2021	047807	BURROUGHS, BRIANNA VICTORIA	0.00	902.58
107568	1/8/2021	002191	CAIRNS, DONALD W ✓	0.00	4,538.13
107569	1/8/2021	046608	CHAPMAN, CAROLINE K	0.00	2,214.29
107570	1/8/2021	046827	CHOW, KWAN-LEUNG ANDY	0.00	3,838.10
107571	1/8/2021	023137	CHURCHILL, JEFFREY D	0.00	3,460.41
107572	1/8/2021	047016	CRAWFORD, DUSTIN L	0.00	3,122.17
107573	1/8/2021	035145	DANE, PETER B	0.00	3,131.58
107574	1/8/2021	046728	DAUB, JODI L	0.00	2,484.15
107575	1/8/2021	002266	DIETZ, KIMBERLY S	0.00	3,299.11
107576	1/8/2021	047754	FREY, BECKYE	0.00	2,832.60
107577	1/8/2021	047704	FRY, PATRICK H	0.00	2,670.63
107578	1/8/2021	046807	GOUCHER, JANISE M	0.00	2,581.94
107579	1/8/2021	047587	HELLAND, CAROL V	0.00	3,262.03
107580	1/8/2021	047802	HITCH, JANELLE C	0.00	3,819.12
107581	1/8/2021	033364	HUFFMAN, ERIN MICHELLE	0.00	2,813.14
107582	1/8/2021	037253	JODH, DEEPALI S	0.00	2,955.94
107583	1/8/2021	002426	JOHNSON, JOSEPH S	0.00	3,289.43
107584	1/8/2021	042879	KEELING, KIMBERLY HEATHER	0.00	2,368.56
107585	1/8/2021	047610	KEIM, ELISE K	0.00	2,262.17
107586	1/8/2021	002437	KELLEY, JAY D	0.00	3,381.80

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107587	1/8/2021	047054	KIRSCHENMANN, TREVOR D	0.00	2,483.29
107588	1/8/2021	047710	KUNG, KIMBERLY J	0.00	3,139.46
107589	1/8/2021	047697	KUTZMARK, TAMMY M	0.00	2,405.51
107590	1/8/2021	046886	LARSON, MARC A	0.00	2,765.56
107591	1/8/2021	047809	LAU, CHIN C	0.00	3,528.34
107592	1/8/2021	047092	LEE, DAVID B	0.00	3,373.68
107593	1/8/2021	002471	LEE, GARY Y	0.00	2,927.53
107594	1/8/2021	047778	LEFCOURTE, IAN	0.00	2,703.66
107595	1/8/2021	002089	LEWIS, CAROLEE D	0.00	3,352.48
107596	1/8/2021	047072	LU, ZHENG	0.00	2,813.25
107597	1/8/2021	047070	LUO, MIN	0.00	2,600.09
107598	1/8/2021	002496	LYNCH, JASON G ✓	0.00	4,745.28
107599	1/8/2021	002513	MCCARTHY, CARL D	0.00	2,315.08
107600	1/8/2021	047530	MCDONALD III, JAMES M	0.00	2,639.55
107601	1/8/2021	047572	MCGONAGALL, ODHRAN M	0.00	2,754.44
107602	1/8/2021	033651	MCLEOD, KENNETH P	0.00	2,910.88
107603	1/8/2021	002530	MEERSCHIEDT, GLORIA J	0.00	1,545.96
107604	1/8/2021	047538	MEREDITH, RICHARD L	0.00	1,713.28
107605	1/8/2021	032904	MOE, JOZANNE W	0.00	3,204.41
107606	1/8/2021	047725	MOLINE, STEPHANIE	0.00	2,414.69
107607	1/8/2021	047803	MONTES DE OCA, KHARISMA NIOMI	0.00	3,200.48
107608	1/8/2021	047573	MUELLER, JOSHUA S	0.00	2,275.44
107609	1/8/2021	047461	MURILLO, DUNIEL M	0.00	1,991.74
107610	1/8/2021	047359	MURPHY, ROBERT L	0.00	2,803.91
107611	1/8/2021	002552	MYER, W J	0.00	2,551.92
107612	1/8/2021	047781	MYERS, ELIZABETH	0.00	1,854.15
107613	1/8/2021	040498	MYERS, LANAYA M	0.00	2,214.37
107614	1/8/2021	047439	NGUYEN, VINH	0.00	2,501.54
107615	1/8/2021	035358	POOLE, HEIDI ANN	0.00	2,674.90
107616	1/8/2021	047552	PRADO, FATIMA L	0.00	2,303.88
107617	1/8/2021	047537	PRIGMORE, CHRISTOPHER R	0.00	3,390.95
107618	1/8/2021	046976	PYLE, SARAH K	0.00	3,704.63
107619	1/8/2021	047251	REYNOLDS, SCOTT M	0.00	2,575.51
107620	1/8/2021	046942	RIENTJES, JOHN D	0.00	3,253.63
107621	1/8/2021	046737	ROSS, MICAH A	0.00	2,892.50
107622	1/8/2021	047544	RUFFIN, AARON L	0.00	3,489.07
107623	1/8/2021	047792	RUTHERFORD, TISZAA	0.00	2,919.69
107624	1/8/2021	047504	SALLEY, TIMOTHY T	0.00	2,675.64

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107625	1/8/2021	046926	SCHIMMEL-BRISTOW, MATTHEW D	0.00	2,569.09
107626	1/8/2021	047808	SCHMECK, NICHOLAS T	0.00	2,247.40
107627	1/8/2021	046938	SCHMIDT, WILLIAM J	0.00	2,819.11
107628	1/8/2021	046849	SEAL, MARVIN L	0.00	3,082.08
107629	1/8/2021	047529	SHANNON, SCOTT L	0.00	3,021.59
107630	1/8/2021	035336	SHEPARD, BRETT MORRIS	0.00	3,460.98
107631	1/8/2021	046890	SHREFFLER, RONALD J	0.00	2,982.35
107632	1/8/2021	047618	SIEGLE, KATHLEEN J	0.00	2,243.81
107633	1/8/2021	047752	STEELE, ANDREW	0.00	2,918.68
107634	1/8/2021	047780	STEPHAN, ALICIA	0.00	2,235.50
107635	1/8/2021	046983	STICKA, BENJAMIN T	0.00	2,627.92
107636	1/8/2021	002733	STITELER, SARAH J	0.00	2,909.89
107637	1/8/2021	047643	TAYLOR, JEFFREY G	0.00	2,563.20
107638	1/8/2021	002781	TREHARNE, RICHARD N	0.00	2,253.84
107639	1/8/2021	047525	TRUONG, MAN N	0.00	3,603.87
107640	1/8/2021	047015	VERMILLION, JESSE D	0.00	2,961.80
107641	1/8/2021	046773	ZAPATA, CAMERON A	0.00	2,643.62
107642	1/8/2021	047715	ZENDT, BEVERLY M	0.00	4,585.85
107643	1/8/2021	047776	ALDEN, JARED SCOTT	0.00	2,608.91
107644	1/8/2021	047739	ALEKSANDRUK, VIKTORIYA I	0.00	1,643.12
107645	1/8/2021	041852	ALLEN JR, MICHAEL LEROY	0.00	2,935.85
107646	1/8/2021	047702	ALMAS, DEVIN A	0.00	2,633.80
107647	1/8/2021	002104	ATKINSON, JOHN M	0.00	3,785.41
107648	1/8/2021	040851	ATKINSON, REBECCA MARY	0.00	2,954.57
107649	1/8/2021	047595	BAKER, CORI C	0.00	2,353.21
107650	1/8/2021	047118	BALAZIC, CAMERON M	0.00	3,441.11
107651	1/8/2021	002115	BALAZIC, MARY S	0.00	3,148.28
107652	1/8/2021	047624	BARNARD, EVAN KALANI	0.00	2,477.58
107653	1/8/2021	046924	BARNES, JENNA L	0.00	2,118.99
107654	1/8/2021	047227	BARNES, MICHAEL J	0.00	2,984.32
107655	1/8/2021	046684	BAUER, KRISTA M - <i>Sitness bonus</i>	0.00	4,957.40
107656	1/8/2021	002136	BEARD, JULIE L	0.00	3,772.33
107657	1/8/2021	036495	BOLLERUD, JESSE D - <i>tuition reimbursement</i>	0.00	5,587.29
107658	1/8/2021	002161	BOWMAN, TODD W	0.00	2,284.29
107659	1/8/2021	047726	CARLSON, KATHRYN E	0.00	2,014.80
107660	1/8/2021	036498	CASSIDY, JASON TRAVIS	0.00	2,994.10
107661	1/8/2021	038386	CHIVINGTON, SABRINA L	0.00	3,372.90
107662	1/8/2021	002217	CHUNG, PAUL K	0.00	3,630.33

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107663	1/8/2021	043897	CLARK, NOEL BENJAMIN	0.00	2,953.32
107664	1/8/2021	002221	CLEMMONS, ROBERT L	0.00	3,285.66
107665	1/8/2021	002222	COATS, BRIAN K ✓	0.00	4,745.00
107666	1/8/2021	046711	COLLINS, BEAU B	0.00	3,643.54
107667	1/8/2021	033362	CORBAY, KIMBERLY LAJOYCE	0.00	2,639.91
107668	1/8/2021	046777	CORK, AARON M	0.00	3,441.52
107669	1/8/2021	047794	CRAWFORD, JACOB D	0.00	2,465.82
107670	1/8/2021	047716	DAGLEY, HAYDEN JM	0.00	2,858.44
107671	1/8/2021	041739	D'AMICO, NATALIE LYNNE	0.00	2,431.07
107672	1/8/2021	002252	DAVIES, COLIN M	0.00	2,933.17
107673	1/8/2021	036099	DENNEHY, MARIA AGNES	0.00	1,710.38
107674	1/8/2021	046616	DOWNING, GEORGE E - <i>fitness bonus/O.T.</i>	0.00	5,980.21
107675	1/8/2021	047099	EDWARDS, RENARD T - <i>fitness bonus</i>	0.00	4,533.85
107676	1/8/2021	045947	FISHER, JASON C	0.00	3,199.02
107677	1/8/2021	047536	FORD, JAMIE L	0.00	2,942.61
107678	1/8/2021	002322	FULLER, MARTIN S ✓	0.00	4,467.66
107679	1/8/2021	023285	GATELY, TIMOTHY J ✓	0.00	4,303.16
107680	1/8/2021	045609	GAUTHIER, ERIN V	0.00	3,142.68
107681	1/8/2021	039332	GEORGE, RYAN M - <i>O.T.</i>	0.00	4,861.81
107682	1/8/2021	047260	GONZALES, SANDRA E	0.00	1,732.21
107683	1/8/2021	002557	GRAMLEY, PATRICIA SUE	0.00	3,452.21
107684	1/8/2021	035033	GRESHAM III, THOMAS E	0.00	2,484.09
107685	1/8/2021	046604	HALL, BRIAN W	0.00	2,926.42
107686	1/8/2021	047120	HAMMOND, CAROL C	0.00	1,925.59
107687	1/8/2021	047293	HASTINGS JR, TERRY L	0.00	2,494.87
107688	1/8/2021	046783	HECHT, TONI J	0.00	2,164.90
107689	1/8/2021	047098	HINDMARCH, JOHN N	0.00	2,399.92
107690	1/8/2021	047402	HOCHHALTER, STACY M	0.00	2,678.21
107691	1/8/2021	047576	HOOD, BRIAN L	0.00	2,806.31
107692	1/8/2021	046885	HORN, JORDAN J	0.00	3,754.59
107693	1/8/2021	046593	JENSEN, TERRI J	0.00	2,152.01
107694	1/8/2021	002429	JONES, JEFFREY M	0.00	3,632.21
107695	1/8/2021	047614	JONES, NATALIE M	0.00	2,155.25
107696	1/8/2021	038227	JONES, TAY MICHAEL	0.00	2,544.71
107697	1/8/2021	046789	JUREK, VICTORIA R	0.00	0.00
107698	1/8/2021	047788	KAPANA, KAITLIN ANN	0.00	2,600.73
107699	1/8/2021	038000	KAPTUR, KEVIN SAENZ	0.00	2,856.99
107700	1/8/2021	047810	KEMP, TONYA M	0.00	1,072.38

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107701	1/8/2021	047806	KROLL, HESUSA MARIE	0.00	2,451.49
107702	1/8/2021	002460	KRUEGER, DOUGLAS M	0.00	3,970.73
107703	1/8/2021	047777	LAZO, RYAN MICHAEL	0.00	3,587.44
107704	1/8/2021	046821	LIAN, SASHA D	0.00	3,272.79
107705	1/8/2021	002479	LINCOLN, STEVEN K - O.T.	0.00	4,332.71
107706	1/8/2021	047793	LOPEZ, AMBER NICOLE	0.00	2,385.48
107707	1/8/2021	047738	LOWE, DARRELL L ✓	0.00	5,342.70
107708	1/8/2021	023196	MCADAM, MATHEW W	0.00	2,655.31
107709	1/8/2021	035330	MCCORMICK, MICHAEL EDWARD	0.00	3,098.78
107710	1/8/2021	047035	MCMILLAN, TANYA J	0.00	2,383.07
107711	1/8/2021	047124	MCNAMARA, DANIEL J - O.T / Comp Paid	0.00	4,909.82
107712	1/8/2021	047298	MENDEZ, MICHAEL D	0.00	2,894.17
107713	1/8/2021	047724	MENDOZA, DANIEL V	0.00	2,525.90
107714	1/8/2021	047142	MITCHELL, CHRISTINE E	0.00	3,007.80
107715	1/8/2021	047727	MOSER, CURTIS D	0.00	3,700.40
107716	1/8/2021	047234	MULLEN, SHERYL A	0.00	3,334.09
107717	1/8/2021	047383	NAROSKI, JACQUELINE L	0.00	1,735.13
107718	1/8/2021	047728	O'TOOLE, JULIA L	0.00	2,472.58
107719	1/8/2021	046702	OTT, LEAH M - Fitness bonus	0.00	4,621.49
107720	1/8/2021	035140	OVERMAN, SCOTT F	0.00	3,556.44
107721	1/8/2021	037116	PALMER, JAMIN M	0.00	3,820.30
107722	1/8/2021	033922	PARSONS JR, WILLIAM THOMAS	0.00	2,964.11
107723	1/8/2021	002592	PATRICK, GREGORY L	0.00	2,899.55
107724	1/8/2021	002847	PAULSEN, JAMES R	0.00	3,305.13
107725	1/8/2021	047055	PEARLSTEIN, ALEXIS P	0.00	3,600.03
107726	1/8/2021	047343	PERKINS, ZACHARY A	0.00	2,745.27
107727	1/8/2021	033434	PERRY, BRANDY NICOLE	0.00	2,726.42
107728	1/8/2021	002601	PERRY, JAMES J	0.00	1,780.73
107729	1/8/2021	002602	PETERS, MICHAEL T	0.00	2,251.57
107730	1/8/2021	047082	PETERSON, ROBERT L	0.00	2,727.91
107731	1/8/2021	002296	PRYOR, ANNMARIE F - O.T.	0.00	4,105.56
107732	1/8/2021	047609	RAPCAN, JOSEPH S	0.00	2,571.88
107733	1/8/2021	047498	REHAUME, ERIC I	0.00	2,776.75
107734	1/8/2021	002631	RENGGLI, LISA R	0.00	2,096.54
107735	1/8/2021	047087	ROBERTSON, LISA L	0.00	3,790.37
107736	1/8/2021	047433	ROMAIN, BRYSON	0.00	3,387.50
107737	1/8/2021	046985	ROMERO, NICHOLAS S - Fitness bonus	0.00	4,286.53
107738	1/8/2021	036093	RUHLAND, ELIZABETH F	0.00	2,966.49

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107739	1/8/2021	002662	SANDIN, JEREMY B	0.00	2,817.22
107740	1/8/2021	047257	SCHMIDT, JEFFREY M	0.00	2,899.85
107741	1/8/2021	047773	SCILEPPI, GREGORY SCOTT	0.00	2,444.00
107742	1/8/2021	002678	SHANKS, CRAIG D	0.00	3,267.78
107743	1/8/2021	035136	SHONE, CHRISTOPHER JOSEPH	0.00	2,964.75
107744	1/8/2021	046973	SIMON, BETH A	0.00	1,579.63
107745	1/8/2021	047500	SINCLAIR, RASHAUN T	0.00	3,202.22
107746	1/8/2021	046829	SLADE, ALIYYAH	0.00	2,775.51
107747	1/8/2021	039985	SMITH, DANIEL MYERS	0.00	3,541.98
107748	1/8/2021	047410	STANLEY, TIFFANY R	0.00	2,302.85
107749	1/8/2021	037867	STEARNS, KEVIN D	0.00	2,913.82
107750	1/8/2021	035638	STEVENS, COREY N	0.00	3,283.17
107751	1/8/2021	047338	TELL, CORY C	0.00	2,938.81
107752	1/8/2021	046929	THOMPSON, LORENA E	0.00	2,384.55
107753	1/8/2021	046925	TINGLEY, JOSEPH D	0.00	3,718.47
107754	1/8/2021	047131	TOLBERT, MARSHALL HOLDEN MCCLE	0.00	3,287.55
107755	1/8/2021	047522	TOMLINSON, TY R - <i>fitness bonus</i>	0.00	4,016.79
107756	1/8/2021	047712	TRAN, STEVEN Q	0.00	2,504.84
107757	1/8/2021	002790	TWENTY, GREGORY L	0.00	2,960.49
107758	1/8/2021	002464	TYCHSEN, ANNE T	0.00	3,470.97
107759	1/8/2021	047401	VERWAHREN, TYLER J	0.00	2,690.78
107760	1/8/2021	047097	WENZEL, ZACHARY D	0.00	2,709.61
107761	1/8/2021	039435	WERRE, CRAIG V	0.00	2,568.48
107762	1/8/2021	002852	WHITEAKER, VALERIE L	0.00	2,638.06
107763	1/8/2021	047344	WOLF-BUCK, ANDREA B	0.00	2,546.91
107764	1/8/2021	047785	FLUDE, STEVEN T	0.00	4,899.76
107765	1/8/2021	047700	JUAREZ, DAVID ✓	0.00	4,922.64
107766	1/8/2021	047109	AL-ALI, BASSAM T ✓	0.00	4,013.53
107767	1/8/2021	002107	AVERILL, JOSEPH P	0.00	3,955.00
107768	1/8/2021	047644	CLARK, CODY	0.00	1,827.07
107769	1/8/2021	041082	CRIDDLE, PATRICIA SALINAS ✓	0.00	4,027.81
107770	1/8/2021	002242	CRITTENDEN, ROBERT T	0.00	3,840.60
107771	1/8/2021	030855	CRIVELLO, MARILEE	0.00	1,328.26
107772	1/8/2021	047661	DARDANIA, ILIR	0.00	2,889.88
107773	1/8/2021	046648	DAWSON, ERIC C	0.00	3,987.93
107774	1/8/2021	002330	GIBBS, STEVEN C	0.00	3,853.37
107775	1/8/2021	046762	GOLDMAN JR, JAMES PATRICK	0.00	3,206.01
107776	1/8/2021	002370	HALEY, MICHAEL K - <i>merit bonus</i>	0.00	8,039.34

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107777	1/8/2021	002372	HALVORSEN, RICHARD A	0.00	3,048.08
107778	1/8/2021	046857	LACOURSE, JAMES M	0.00	2,627.97
107779	1/8/2021	047017	MCLAIN, ELIZABETH A	0.00	2,484.36
107780	1/8/2021	039881	MORK, JOHN E	0.00	3,375.06
107781	1/8/2021	046873	NOBLE, AARON B	0.00	2,822.09
107782	1/8/2021	040436	O'LEARY II, JOSEPH PATRICK	0.00	3,714.09
107783	1/8/2021	002593	PAUL, DAVID M	0.00	2,965.79
107784	1/8/2021	046880	SHERRILL, COLIN A	0.00	2,859.16
107785	1/8/2021	002702	SINGER, LISA S	0.00	3,831.73
107786	1/8/2021	002723	SPANGLER, JON C	0.00	3,513.91
107787	1/8/2021	046782	WILKINSON, TESSIE D	0.00	2,250.53
107788	1/8/2021	047469	ATLAKSON, JESSICA J	0.00	2,875.86
107789	1/8/2021	034922	AUER, STACEY LOUISE	0.00	1,684.15
107790	1/8/2021	039642	BALZER, AMANDA RACHEL	0.00	3,450.48
107791	1/8/2021	047112	BARRAGAN, EBERLEY W	0.00	1,103.61
107792	1/8/2021	002172	BROWN, CYNTHIA M	0.00	3,013.38
107793	1/8/2021	002250	DANE, ROGER W	0.00	224.25
107794	1/8/2021	047497	DETTELBAACH, ANNE M	0.00	2,188.56
107795	1/8/2021	046814	ENTINGER, NICHOLAS M	0.00	2,508.50
107796	1/8/2021	047091	FLANAGAN, EMILY ANNE LARSON	0.00	2,725.46
107797	1/8/2021	042056	HARDY, THOMAS W	0.00	2,867.91
107798	1/8/2021	002399	HITCH, STEPHEN J	0.00	3,976.10
107799	1/8/2021	002404	HOLTE, PETER D	0.00	2,556.22
107800	1/8/2021	002424	JIN, JEROME J - term, vacation payout	0.00	13,969.29
107801	1/8/2021	047535	KEEFE, ERLINDA J	0.00	2,152.14
107802	1/8/2021	002527	MCQUARY, SCOTT M	0.00	2,861.14
107803	1/8/2021	047014	MOLDVER, AARON L	0.00	3,633.68
107804	1/8/2021	047708	NICKERSON, CURTIS M	0.00	3,626.93
107805	1/8/2021	046633	PFUNDT, JESSICA N	0.00	1,766.31
107806	1/8/2021	047584	REED JENNINGS, TERESA	0.00	3,273.05
107807	1/8/2021	002639	RIGG, LISA W	0.00	3,968.20
107808	1/8/2021	047003	SCHIMEK, GARY M ✓	0.00	4,144.98
107809	1/8/2021	002751	SWAYNE, DONALD D	0.00	2,962.21
107810	1/8/2021	002765	THOMASSON, SCOTT C ✓	0.00	4,299.60
107811	1/8/2021	002768	THOMPSON, JEFFREY C	0.00	3,623.30
107812	1/8/2021	047226	VENTURATO, ANGIE J	0.00	3,015.80
107813	1/8/2021	046838	WALDO, KENNETH R	0.00	3,046.65
107814	1/8/2021	046986	WELLBORN, CYNTHIA C	0.00	3,904.64

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Payroll Final Check List

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CITY OF REDMOND

12/16/2020 to 12/31/2020- Type 1 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107815	1/8/2021	047116	YOUNG, TALITHA J	0.00	2,447.44
107816	1/8/2021	002120	BARKER, RICHARD D	0.00	3,054.26
107817	1/8/2021	047214	EDWARDS, RICHARD G	0.00	1,989.12
107818	1/8/2021	047632	GRANQUIST, BRAD L	0.00	2,412.43
107819	1/8/2021	047629	MINEO, JAMES	0.00	2,178.06
107820	1/8/2021	046247	PRUISMANN, DERYK L	0.00	2,364.28
107826	1/8/2021	029288	FIX, ERNEST C	0.00	3,246.26
107821	1/8/2021	002455	JUSTICE, JEANNE KOETJE ✓	0.00	4,072.66
107822	1/8/2021	002564	NILSEN, KRISTIN M	0.00	2,222.41
107823	1/8/2021	002634	RHEAUME, ANDREW J	0.00	3,777.07
107824	1/8/2021	002703	SISK, VICTOR R	0.00	2,520.59
107825	1/8/2021	047222	STEINERT, ADRIENNE L	0.00	2,067.19
107827	1/8/2021	047176	COURTER, ANDREW R	0.00	1,798.76
107828	1/8/2021	046240	DONNELLY, BRIAN R	0.00	2,087.27
107829	1/8/2021	046948	EGAN, BRIAN G	0.00	2,207.77
107830	1/8/2021	046743	EKLUND, TAD PHILLIP	0.00	1,536.47
107831	1/8/2021	047138	MACRI, AILA ROSE	0.00	1,836.22
107832	1/8/2021	047805	NELSON, JON A	0.00	1,833.95
107848	1/8/2021	047363	PARRA, HECTOR	0.00	1,572.28
107833	1/8/2021	002728	STEDMAN, RANDALL L	0.00	2,129.28
107834	1/8/2021	046520	STORHOW, JAMES O	0.00	3,219.75
107835	1/8/2021	047153	WARTER, NICHOLAS KENNITH	0.00	1,796.90
107836	1/8/2021	047064	WILEN, KEVIN W	0.00	1,684.61
107837	1/8/2021	047229	ADAMS, NATHAN J	0.00	2,864.59
107838	1/8/2021	038332	BERGERON, YURI IVAN	0.00	2,377.72
107839	1/8/2021	002211	CHO, PAUL S	0.00	3,963.67
107840	1/8/2021	047782	FIELDS, THOMAS	0.00	2,479.73
107841	1/8/2021	002028	KERR, DANIEL M	0.00	3,668.27
107842	1/8/2021	034924	NEWMAN, BRUCE RICHARD ✓	0.00	4,184.32
107843	1/8/2021	047723	SCALES, ANDREW C	0.00	2,335.75
107844	1/8/2021	047376	SCHROEDER, GINA M	0.00	3,202.22
107845	1/8/2021	046493	SHABIR, ADNAN	0.00	3,320.49
107846	1/8/2021	002741	STURTEVANT, TERESA R	0.00	2,313.12
107847	1/8/2021	047642	TSURU, HIDEKI J	0.00	3,330.96
107849	1/8/2021	047804	ARNOLD, HANK WILLIAM	0.00	2,563.64
107850	1/8/2021	047701	BARRY, NICHOLAS C	0.00	1,798.73
107851	1/8/2021	039769	COLDEN, TED LOUIS	0.00	2,443.65
107852	1/8/2021	047028	EDWARDS, DILLON S	0.00	1,751.52

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107853	1/8/2021	039771	FILION, BRYAN MATTHEW	0.00	2,455.41
107854	1/8/2021	024266	HARDY, MARVIN R	0.00	3,242.30
107855	1/8/2021	047604	HOPKE, CLINT J	0.00	1,929.08
107856	1/8/2021	046581	OSBORNE, TRISTON S	0.00	2,749.77
107857	1/8/2021	046876	SEDENO, JUSTIN A	0.00	2,444.28
107858	1/8/2021	047791	THOMPSON, ANDRE M	0.00	1,887.89
107859	1/8/2021	002766	THOMPSON, CRAIG W	0.00	1,958.05
107860	1/8/2021	031263	AGNEW JR, ROBERT JAMES	0.00	2,736.15
107861	1/8/2021	047790	ANDERSON, BRETT P	0.00	1,641.21
107862	1/8/2021	047787	ANDREEV, ILIYA	0.00	1,803.06
107863	1/8/2021	002186	BURTSCHKE, JOHN R	0.00	2,761.63
107864	1/8/2021	046940	BUSKEN, BRIAN K	0.00	2,671.79
107865	1/8/2021	002192	CALDWELL, KATHRYN C	0.00	967.09
107866	1/8/2021	047578	CARRUTHERS, JOSHUA A	0.00	2,745.58
107867	1/8/2021	047368	CHAMBERS, MITCHELL R	0.00	1,999.66
107868	1/8/2021	047508	COUNSELLOR, JESSE A	0.00	1,753.66
107869	1/8/2021	002364	HADDOCK, JACEY D	0.00	1,978.62
107870	1/8/2021	046744	HEATH, JOSEPH J	0.00	1,719.95
107871	1/8/2021	047436	NIELD, BENJAMIN N	0.00	3,139.80
107872	1/8/2021	039981	PECK, RONALD P	0.00	2,036.18
107873	1/8/2021	038004	SARGINSON, DARREN MICHAEL	0.00	2,532.80
107874	1/8/2021	047144	SCHANTZ, EDWARD FREDERICK	0.00	2,147.96
107875	1/8/2021	036088	THOMAS, BRYAN R	0.00	2,398.85
107876	1/8/2021	047749	WOLFF, GABRIELLE - tuition reimbursement	0.00	4,786.12
107877	1/8/2021	047640	CAFFREY, NICHOLAS J	0.00	2,019.66
107878	1/8/2021	047152	CARY, JORDAN S	0.00	2,041.97
107879	1/8/2021	047513	CLARKE, ADAM J	0.00	2,217.26
107880	1/8/2021	046665	GLENN, DAVID W	0.00	2,754.36
107881	1/8/2021	035441	GRINGAUZ, YAKOV	0.00	2,510.08
107882	1/8/2021	047018	HARNASCH, JASON W - term lump pay/leave bank pay	0.00	17,236.43
107883	1/8/2021	047290	KIRAL, JOSEPH M	0.00	1,925.27
107884	1/8/2021	041078	MOORE, STEVEN S	0.00	3,123.20
107885	1/8/2021	047696	PAGEL, REED	0.00	2,067.60
107886	1/8/2021	002638	RICH, PATRICK C	0.00	2,306.95
107887	1/8/2021	047653	SMAY, JOSHUA D	0.00	1,631.37
107888	1/8/2021	047531	CHAMBERS, JONATHAN M ✓	0.00	4,079.85
107889	1/8/2021	002267	DISHER, TRACI A	0.00	2,354.86
107890	1/8/2021	047261	EMAMI, DEBRA E	0.00	2,876.19

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Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107891	1/8/2021	047589	KEARNS, JULIE R	0.00	3,364.32
107892	1/8/2021	047753	MEZA, SUE D ✓	0.00	4,226.94
107893	1/8/2021	002848	PRATT BARLOW, CHARLES M	0.00	3,396.70
107894	1/8/2021	002048	RIS, ROMAN	0.00	3,376.54
107895	1/8/2021	047685	SMITH, TIMOTHY W	0.00	3,970.70
107896	1/8/2021	045949	WERR, DANIEL R	0.00	3,270.36
107897	1/8/2021	047236	WOODYATT, KESTON R	0.00	3,261.13
107898	1/8/2021	046580	EASTHAM, STEVE J	0.00	3,354.42
107899	1/8/2021	002024	HERMANSON, LINDA L	0.00	3,986.89
107900	1/8/2021	046981	KOSINA, CAMERON TJ	0.00	2,205.73
107901	1/8/2021	046982	MCHUGH, MATTHEW J	0.00	2,150.15
107902	1/8/2021	046685	MULLINS, ERIC B	0.00	2,792.78
107903	1/8/2021	047671	WISENER, MICHELLE M	0.00	3,137.44
107904	1/8/2021	002017	BRADY, MELISSA A	0.00	3,505.16
107905	1/8/2021	044400	DULAN, ROMEO DAN	0.00	3,649.99
107906	1/8/2021	002018	FEARS, NATE E	0.00	3,065.64
107907	1/8/2021	002020	GADEPALLI, KIRAN S	0.00	2,458.92
107908	1/8/2021	047818	GEORGE, PETER W	0.00	3,542.06
107909	1/8/2021	002025	HETTICH, HEIDI E - <i>terms, lump payout / leave banks pay</i>	0.00	23,735.85
107910	1/8/2021	040427	KLEIN, KEVIN WAYNE	0.00	3,611.66
107911	1/8/2021	038341	MYERS, STACY R - <i>merit bonus</i>	0.00	4,611.50
107912	1/8/2021	047052	OLIVO, GUSTAVO P	0.00	2,804.28
107913	1/8/2021	047689	COGLIANESE, THOMAS A	0.00	3,334.33
107914	1/8/2021	047772	FETROW, JOHN P	0.00	3,849.00
107915	1/8/2021	046989	LARSEN, JAMES M	0.00	3,323.83
107916	1/8/2021	037234	LAYCOCK, KEITH P ✓	0.00	4,475.57
107917	1/8/2021	047462	MAY AGUILAR, JOSE A	0.00	3,637.12
107918	1/8/2021	046859	SKAW, JULIE A	0.00	3,292.98
107919	1/8/2021	047786	HARDY, KRISTY N	0.00	3,569.66
107920	1/8/2021	046852	JOHNSON, DAWN M	0.00	2,245.00
107921	1/8/2021	046622	O'NEILL, MARIA T	0.00	3,079.95
107922	1/8/2021	046871	SEKHON, SIMRAT S ✓	0.00	4,433.51
Employee Check Totals				0.00	2,137,599.95

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Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107923	1/8/2021	002086	ALTENBURG, DWIGHT	0.00	0.00
107924	1/8/2021	002108	AVERY, CLINTON R	0.00	0.00
107925	1/8/2021	002201	CAROLAN, EDWARD P	0.00	0.00
107926	1/8/2021	002388	HELGESON, MELVIN	0.00	0.00
107927	1/8/2021	002391	HERDECK JR, GORTON A	0.00	0.00
107928	1/8/2021	002490	LOVETT, ROBERT B	0.00	0.00
107929	1/8/2021	002532	MELLQUEST, FRANK L	0.00	0.00
107930	1/8/2021	002563	NIENABER, MATTHEW J	0.00	0.00
107931	1/8/2021	002580	OLSON, JACK E	0.00	0.00
107932	1/8/2021	002599	PENNER, GEORGE R	0.00	0.00
107933	1/8/2021	002623	RADTKE, RICHARD	0.00	0.00
107934	1/8/2021	002644	ROBERSON, GEORGE G	0.00	0.00
107935	1/8/2021	002677	SEYMOUR, JON E	0.00	0.00
107936	1/8/2021	002693	SHOUMAN, JOHN L	0.00	0.00
107937	1/8/2021	002708	SMITH, DONALD G	0.00	0.00
107938	1/8/2021	002212	CHRISTENSEN, NORMAN A	0.00	0.00
107939	1/8/2021	002244	CROSSLAND, CLYDE R	0.00	0.00
107940	1/8/2021	002324	GAINER, LARRY W	0.00	0.00
107941	1/8/2021	002362	GUTTORMSEN, OSCAR O	0.00	0.00
107942	1/8/2021	002386	HEIMBIGNER, CORWIN T	0.00	0.00
107943	1/8/2021	002454	KOENIG, KENNETH F	0.00	0.00
107944	1/8/2021	024368	KRIEBLE, JAMES H	0.00	0.00
107945	1/8/2021	002541	MOOTHART, RICHARD S	0.00	0.00
107946	1/8/2021	002613	POTTS, GEORGE E	0.00	0.00
107947	1/8/2021	002664	SATHER, WENDELL H	0.00	0.00
107948	1/8/2021	002682	SHEEHAN, ROBERT W	0.00	0.00
107949	1/8/2021	002756	TAYLOR, JAMES W	0.00	0.00
107950	1/8/2021	002782	TRENT, CARL E	0.00	0.00
107951	1/8/2021	002804	WATSON, LAVON M	0.00	0.00
Employee Check Totals				0.00	0.00

Bank: dirdep - KEY BANK
Benefit Checks

Check #	Date	Payee #	Name	Check Amt	Direct Deposit
107952	1/8/2021	050	HRA VEBA TRUST	0.00	58,971.78
107953	1/8/2021	019	NAVIA BENEFIT SOLUTIONS	0.00	9,655.97

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Payroll Final Check List

CITY OF REDMOND

12/16/2020 to 12/31/2020- Type 1 Cycle s

Bank: dirdep - KEY BANK

Benefit Checks

Check #	Date	Payee #	Name	Check Amt	Direct Deposit
107954	1/8/2021	007	REDMOND FIREFIGHTERS UNION, LO	0.00	20,828.00
Total				0.00	89,455.75
Payee Totals				0.00	89,455.75
Bank dirdep Totals (710 Forms)				0.00	2,227,055.70

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Payroll Final Check List
CITY OF REDMOND

12/16/2020 to 12/31/2020- Type 1 Cycle s

Bank: eft - KEY BANK
Benefit Checks

Check #	Date	Payee #	Name	Check Amt	Direct Deposit
1268	1/8/2021	001	DEPARTMENT OF RETIREMENT LEOFF	193,646.79	0.00
1265	1/8/2021	002	DEPARTMENT OF RETIREMENT PERS	355,464.38	0.00
1266	1/8/2021	026	ELECTRONIC FEDERAL TAX PAYMENT	460,760.45	0.00
1269	1/8/2021	020	METLIFE C/O FASCORE, LLC	51,318.81	0.00
1270	1/8/2021	021	WASH ST CHILD SUPPORT	1,498.28	0.00
Total				1,062,688.71	0.00
Payee Totals				1,062,688.71	0.00
Bank eft Totals (5 Forms)				1,062,688.71	0.00

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Payroll Final Check List
CITY OF REDMOND

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Bank: pr - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
186553	1/8/2021	047473	TAM, WUN CHAN	598.80	0.00
186554	1/8/2021	047822	BENNETT, JUDSON G	439.86	0.00
186555	1/8/2021	047819	CARROLL, JEFFREY B	2,217.87	0.00
186556	1/8/2021	047814	CHAMBERLIN, JARED K	2,266.94	0.00
186557	1/8/2021	047820	FIEBIG, INGRID L	2,309.20	0.00
186558	1/8/2021	047823	JACKSON, DANIEL J	2,441.43	0.00
186559	1/8/2021	047817	MCNEAL, ISAIAH T	2,326.48	0.00
186560	1/8/2021	047824	MOHNKERN, NICHOLAS J	2,149.95	0.00
186561	1/8/2021	047816	ORUOJA, ERIK	1,591.69	0.00
186562	1/8/2021	047821	PHILLIPS, KALIEGHE A	2,110.92	0.00
186563	1/8/2021	047815	SEGO, JACOB DANIEL	1,548.67	0.00
186564	1/8/2021	047418	LAMBERT, NICOLE M	239.65	0.00
186565	1/8/2021	002495	LYGA, PATRICK J	2,735.33	0.00
186566	1/8/2021	046714	LOTT, KENNETH E	3,452.88	0.00
186567	1/8/2021	002196	CAPIS, JOSEPH G	26,500.45	0.00
186568	1/8/2021	047813	LEUPOLD, DANIEL ROBERT	1,982.84	0.00
Employee Check Totals				54,912.96	0.00

Bank: pr - KEY BANK
Benefit Checks

Check #	Date	Payee #	Name	Check Amt	Direct Deposit
186569	1/8/2021	006	REDMOND CITY HALL EMPLOYEE ASN	3,360.00	0.00
186570	1/8/2021	014	REDMOND, CITY OF, HUMAN SERVIC	406.67	0.00
186571	1/8/2021	054	TEAMSTERS LOCAL 117	375.00	0.00
186572	1/8/2021	058	TEAMSTERS LOCAL 117, RPA DUES	5,343.65	0.00
186573	1/8/2021	013	UNITED WAY OF KING COUNTY	576.67	0.00
186574	1/8/2021	005	WSCCCE, AFSCME, AFL-CIO, COUNT	4,704.45	0.00
186575	1/8/2021	015	WSCFF EMPLOYEE BENEFIT TRUST	14,900.00	0.00
Total				29,666.44	0.00
Payee Totals				29,666.44	0.00
Bank pr Totals (23 Forms)				84,579.40	0.00

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Payroll Final Check List

CITY OF REDMOND

12/16/2020 to 12/31/2020- Type 1 Cycle s

Grand Total	1,147,268.11	2,227,055.70
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Next Step: Account Posting (AP)

Pay Period is Open (Locked)

Totals Checks and Direct Deposit (738 Forms)

3,374,323.81

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Payroll Final Check List

CITY OF REDMOND

12/16/2020 to 12/31/2020- Type 1 Cycle s

Source pay period:

No Pending Benefit Checks

Doc source:

Banded code:

Fund:

Check Total:

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Payroll Final Check List

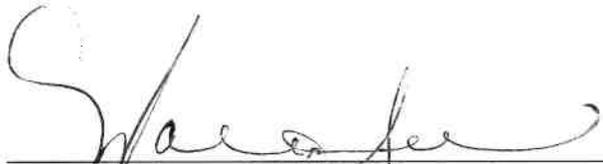
CITY OF REDMOND

12/16/2020 to 12/31/2020- Type 1 Cycle s

Employee Gender Statistics

Number of females paid	246
Number of males paid	<u>477</u>
Total Employees Paid	723

I, the Finance Director, do hereby certify to the City Council, that the checks for the month of January 2021 are true and correct to the best of my knowledge.



Malisa Files, 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 430966 through 431225 and Wire Transfers are approved for payment in the amount of \$6,101,463.50

This 19th day of January 2021.

**CITY OF REDMOND
CHECK APPROVAL REGISTER**

1/6/2021

Check Number	Check Date	Vendor Name	Description	Check amount
430966	1/6/2021	A&M Tree Service	Removal of High Risk Trees	\$7,920.00
430967	1/6/2021	Adrian M Whorton	CC# 9406 Medical Director Svcs for ALS Dec 2020	\$5,500.00
430968	1/6/2021	Akhilesh Vadari	CC# 9547 - 2021 Public Art Winter Programming	\$625.00
430969	1/6/2021	All Battery Sales & Service Inc	Recycling Services	\$323.51
430970	1/6/2021	Am Test Inc	Water Bacteriological Analysis	\$1,080.00
430971	1/6/2021	Amazon Web Services Inc	Amazon Web Services December 2020	\$69.80
430972	1/6/2021	American Medical Response	Flu Shot Clinics	\$3,776.00
430973	1/6/2021	American Water Works Association	2021 Dues	\$5,000.00
430974	1/6/2021	Andrea Pollard	Flagging Classes	\$1,400.00
430975	1/6/2021	Appraisal Group of The Northwest LLP	Appraisal Bear Creek Park	\$4,200.00
430976	1/6/2021	Aramark Uniform Services Inc	Uniform Services Fleet Main	\$109.56
430977	1/6/2021	Arc Architects Inc	CC# 9163 Redmond Pool Phase II Coordination	\$5,905.45
430978	1/6/2021	Aspect Consulting LLC	Reimb Peer Reviews	\$2,363.15
430979	1/6/2021	Associated Petroleum Products Inc	Fuel	\$15,449.26
430980	1/6/2021	Association of Washington Cities (AKA: AWC)	2021 AWC City Membership	\$50,502.00
430981	1/6/2021	Axon Enterprise Inc (FKA: Taser International)	Evidence Cart Storage	\$29,238.00
430982	1/6/2021	BHC Consultants LLC	CC#8507-3 Pump Station 2 Rehab	\$2,352.08
430983	1/6/2021	Braun Northwest Inc	Lock Switch for grabber W/O Harness	\$38.75
430984	1/6/2021	Buenavista Services Inc	CC#8075 Janitorial Cleaning Services October 2020	\$49,117.26
430985	1/6/2021	Bullseye Creative Inc	CC# 8696 Tourism Marketing Program	\$9,900.00
430986	1/6/2021	Cadman Inc	Willow RD Rehab Sign Maintenance	\$659.81
430987	1/6/2021	Canber Corp	Retainage Release for PO 1207496	\$4,748.28
430988	1/6/2021	Carolyn Garza LLC	Planning Meeting Minutes 10/28/2020	\$193.56
430989	1/6/2021	Cascade Defense LLC	Professional Security Services	\$1,250.00
430990	1/6/2021	CDW Government LLC	CDG - Server Subscription	\$3,248.91
430991	1/6/2021	Cedar Grove Composting Inc	Arbor Mulch	\$429.00
430992	1/6/2021	CenturyLink	December 2020 Services	\$225.66
430993	1/6/2021	City of Kirkland	Fuel Nov2020	\$588.56
430994	1/6/2021	Copiers Northwest Inc	CC# 8925 DEC 2020 City Wide Mail Delivery Service	\$9,445.38
430995	1/6/2021	Cressy Door Company Inc	Labor to Repair Drive Chain	\$335.17

430996	1/6/2021	Daniel Kytonen	CC# 9530 Redmond Lights 2020 Temporary Public Art	\$1,250.00
430997	1/6/2021	Debbie Wetmore	Farrier Services at FM Park	\$465.00
430998	1/6/2021	Duvall Auto Parts	Misc Supplies	\$275.19
430999	1/6/2021	Eastside Prep	Canceled Field Credit	\$365.00
431000	1/6/2021	Electronic Business Machines	December 2020 Kyocera Maintenance VLQ6901544	\$479.73
431001	1/6/2021	Fastenal Company	Material Vending Machine & Maint Inventory	\$260.01
431002	1/6/2021	Fire Protection Inc	Installation Fees	\$30,538.10
431003	1/6/2021	FireFighter Inspiration Readiness and Education	November 16 thru 20 2020 Training	\$34,565.38
431004	1/6/2021	Gallagher Benefit Services Inc	CC# 9364 January 2021 Premiums	\$373,103.88
431005	1/6/2021	Galls LLC	Uniform Supplies for Fire	\$5,427.92
431006	1/6/2021	Generator Services NW LLC	Quarterly Maint Inspection FS13, FS14 & FS18	\$9,660.58
431007	1/6/2021	Genuine Parts Co (AKA: NAPA)	Misc Auto Parts	\$84.76
431008	1/6/2021	Golder Associates Inc	Outside Consultant Fees	\$888.25
431009	1/6/2021	Gordon Thomas Honeywell Governmental Affairs	CC# 8732 Lobbying Services Dec 2020	\$5,614.67
431010	1/6/2021	Gray & Osborne Inc	CC# 9107 90th Street Stormwater Pond Retrofit	\$1,925.92
431011	1/6/2021	Guardian Security Systems Inc	Fire & Intrusion Alarm Monitoring LWIT	\$353.11
431012	1/6/2021	Hayre McElroy & Associates LLC	CC# 9076 On Call Materials Testing	\$3,090.69
431013	1/6/2021	Helena's Cleaners	Uniform Cleaning for PD	\$203.75
431014	1/6/2021	Herrera Environmental Consultants Inc	CC# 9191 Restoration & Mitigation Site Monitoring	\$8,261.16
431015	1/6/2021	Hewlett Packard Enterprise Company	Warranty Maintenance Renewal 12/01/20-11/30/21	\$11,078.74
431016	1/6/2021	Hughes Fire Equipment Inc	Misc Parts	\$862.51
431017	1/6/2021	IBI Group a California Partnership	CC# 9495 Comprehensive Plan Visioning & Land Use	\$7,430.00
431018	1/6/2021	Ibsen Towing	Towing Services for PD	\$202.40
431019	1/6/2021	Intercom Language Services Inc	Language Services	\$1,020.00
431020	1/6/2021	Kamins Construction Inc	CC# 9516 ADA Ramp Improvements	\$3,861.20
431021	1/6/2021	King County	INet Services November 2020	\$2,155.12
431022	1/6/2021	Lake Washington Youth Soccer Association	Refund for Soccer Cancellation Due to COVID	\$14,870.00
431023	1/6/2021	Les Schwab Tire Center	Tires / Services	\$50.59
431024	1/6/2021	Life Assist Inc	Medical Supplies for Fire BLS & ALS	\$3,571.40
431025	1/6/2021	LN Curtis & Sons	Bunker Gear	\$6,126.50
431026	1/6/2021	Lynne Miller	CC# 9552 Comprehensive Emerg Mgmt Plan	\$4,850.00
431027	1/6/2021	McClure and Sons Inc	Hydrant Meter Permit Close Out HYD-2020-2659	\$1,086.81
431028	1/6/2021	McKinstry Essention LLC	CC# 8064 Lighting Upgrades & Heat Pump Replacement	\$280,762.81
431029	1/6/2021	Miller Mendel Inc	October - December 2020 eSOPH Data Storage	\$205.88
431030	1/6/2021	Minuteman Press	CC# 9222 Mailing Services & Postage	\$191.02

431031	1/6/2021	Motorola Solutions Inc	CAD Maintenance 01/01/21- 12/31/21	\$116,095.33
431032	1/6/2021	Northwest Landscape Services of Washington LLC	Landscape Maintenance December 2020	\$3,176.37
431033	1/6/2021	Orbis Corporation	Kitchen Caddies	\$5,516.45
431034	1/6/2021	Osborn Consulting Inc	CC# 9005 Smith Woods Pond Stream Rehabilitation	\$6,745.25
431035	1/6/2021	Otak Inc	CC# 8904 Engineering Svcs Wastewater Pump Station	\$6,176.59
431036	1/6/2021	Owen Equipment Co	Misc Parts	\$1,989.97
431037	1/6/2021	Public Safety Testing	Jan-Nov 2020 Scoring/Reporting	\$700.00
431038	1/6/2021	Puget Sound Energy Inc	December 2020 Services	\$23,640.49
431039	1/6/2021	Puget Sound Regional Fire Authority	Training Swiftwater Rescue 1	\$600.00
431040	1/6/2021	Richard Vandemark Landscape	CC# 9468 Senior Center Demolition Design Services	\$7,860.81
431041	1/6/2021	Robert Half Technology (AKA: Accountemps)	Temp Services Kevin Blazzard	\$3,105.00
431042	1/6/2021	Romaine Electric	Misc Parts	\$1,671.71
431043	1/6/2021	Sammamish Plateau Water and Sewer District	Services 10/31/2020 - 11/30/2020	\$216.43
431044	1/6/2021	Seattle Automotive Distributing Inc	Misc Auto Parts	\$571.96
431045	1/6/2021	SESAC Inc	Annual Music License Fee 2021	\$965.00
431046	1/6/2021	SHI International Corp	MSFT VLSC Reservation True-up	\$367.29
431047	1/6/2021	Shred-It (AKA: Stericycle Inc)	Shredding Service	\$85.34
431048	1/6/2021	Sound Safety Products (DBA: Work N More)	Uniform for Public Works - MOC	\$1,365.74
431049	1/6/2021	South Correctional Entity (AKA: SCORE)	October 2020 Outside Health Services	\$903.66
431050	1/6/2021	Sprague Pest Solutions	Pest Control Public Works Ops Bldg 4	\$344.16
431051	1/6/2021	Staples Contract & Commercial Inc	Office Supplies - Credit	\$105.20
431052	1/6/2021	Stryker Sales Corporation	Misc Parts	\$73.79
431053	1/6/2021	Super Products LLC	Super Jet Model 1665-SPRP-WC, Vehicle # 12-1797	\$305,434.00
431054	1/6/2021	Systems for Public Safety Inc	Upfitting of Medic Unit	\$38,128.62
431055	1/6/2021	T Bailey Inc	CC# 9482 Tank Painting and Seismic Upgrades	\$447,482.70
431056	1/6/2021	T Mobile	December 2020 Services	\$398.11
431057	1/6/2021	T Mobile	December 2020 Services	\$140.59
431058	1/6/2021	T Mobile	December 2020 Services	\$1,194.59
431059	1/6/2021	Tanner Electric Cooperative	Services 11/27/2020 - 12/27/2020	\$777.64
431060	1/6/2021	TEC Equipment Inc	Misc Auto Parts	\$10.03
431061	1/6/2021	Thrive Coaching & Consulting	Coaching Sessions for G. Schimek	\$1,901.25
431062	1/6/2021	TIAA Commercial Finance Inc	January 2021 Kyocera Leases	\$4,295.12
431063	1/6/2021	Toole Design Group LLC	CC #9411 Traffic Safety Program Audit	\$3,150.00
431064	1/6/2021	UniFirst Corporation	Laundry services for Fire Fleet Dept	\$102.49
431065	1/6/2021	Victor Xia	Poet Laureate Project	\$100.00

431066	1/6/2021	Washington Audiology Services Inc	Hearing exams for employees	\$1,329.90
431067	1/6/2021	Waste Management Northwest	CC# 8002 Garbage Services	\$11,666.23
431068	1/6/2021	WCP Solutions	Janitorial Supplies	\$195.71
431069	1/6/2021	West Coast Machinery Ltd	SIMEX ST200 Asphalt Float - Skid Steer Attachment	\$15,300.00
431070	1/6/2021	Western Systems Inc	Alpha Batteries Q-03801	\$14,053.25
431071	1/6/2021	Westhill Electronics	Radio repairs	\$299.75
431072	1/6/2021	Whitney Equipment Company Inc	Flush Valve Attachment for Pump	\$4,051.52
431073	1/6/2021	Wilder Environmental Consulting	CC# 8584 Organics Recycling Outreach	\$4,666.20
431074	1/6/2021	Wolfberry Studio LLC	CC# 9543 2021 Winter Public Art Program	\$625.00
431075	1/6/2021	Ziply Fiber (AKA: Northwest Fiber LLC)	December 2020 Services	\$14,715.99

Total Checks: \$2,083,427.46

Trans No.	Trans Date	Vendor	Description	
Wire	1/6/2021	Premera	Medical Claims	\$164,030.22
Wire	1/6/2021	HMA	Medical Claims	\$2,922.75
ACH	12/31/2020	Department of Revenue	Excise Tax	\$488.82
Total Wire Transfers:				<u><u>\$167,441.79</u></u>

Grand Total: \$2,250,869.25

**CITY OF REDMOND
CHECK APPROVAL REGISTER**

1/13/2020

Check Number	Check Date	Vendor Name	Description	Check amount
431076	1/13/2021	911 Supply Inc	Uniforms and uniform accessories	\$13.49
431077	1/13/2021	All Battery Sales & Service Inc	Recycling Services	\$127.22
431078	1/13/2021	Allan & Barbara Freeman	Utility Billing Adjustment 22855 NE 127th Way	\$6.03
431079	1/13/2021	Alton and Janet Lanterman	Utility Billing Adjustment 8224 172nd Ave NE	\$419.99
431080	1/13/2021	Aspect Consulting LLC	CC#8338-2 On Call Geotechnical & Environmental Sv	\$10,102.09
431081	1/13/2021	Associated Petroleum Products Inc	Fuel	\$16,137.63
431082	1/13/2021	AT&T Mobility (AKA: FirstNet)	December 2020	\$2,860.27
431083	1/13/2021	Automatic Funds Transfer Services Inc	CC#8698 Printing & Mailing Svcs Utility Billing	\$6,021.17
431084	1/13/2021	Benjamin Asphalt Inc	Retainage Release of PO 1208772	\$10,527.00
431085	1/13/2021	BHC Consultants LLC	CC# 8808 On Call Engineering Svcs	\$36,154.30
431086	1/13/2021	Bio Clean Inc	Bio Hazard cleaning of vehicle # 1755	\$357.51
431087	1/13/2021	Blue Star Gas - Seattle	Fuel	\$348.45
431088	1/13/2021	Board & Vellum LLC	CC#9286 Westside Park Design Consulting	\$6,627.75
431089	1/13/2021	Boyang Hou	Utility Billing Adjustment 16635 NE 90th Ct	\$16.54
431090	1/13/2021	Brandon Shimizu	Completion of the Project SITE-2013-00344	\$31,500.00
431091	1/13/2021	C. William & Carol Jensen	Utility Billing Adjustment 22882 NE 127th Way	\$216.03
431092	1/13/2021	Car Wash Enterprises Inc	November 2020 Acct 73	\$178.00
431093	1/13/2021	Carol & Robert Young	Utility Billing Adjustment 3029 177th Ave NE	\$345.02
431094	1/13/2021	Catalyst Workplace Activation	Design Services	\$85.00
431095	1/13/2021	CDK Construction Services Inc	CC#9553 Seismic Upgrades for Fire stations	\$86,532.07
431096	1/13/2021	CDK Construction Services Inc	CC#9553 Seismic Upgrades for Fire stations	\$4,176.26
431097	1/13/2021	CDW Government LLC	TRIPP 50FT CAT6 PLENUM SNAGLESS	\$1,219.09
431098	1/13/2021	Central Welding Supply Co Inc	Oxygen and Cylinder Rentals FD # 12	\$410.82
431099	1/13/2021	CentralSquare Technologies LLC	Lucity Staff Warehouse Training - Public Administr	\$720.00
431100	1/13/2021	CenturyLink	December 2020	\$51.87
431101	1/13/2021	City of Bellevue	Platform Maintenance 2020	\$17,881.00
431102	1/13/2021	Comcast Cable	January 2021 Services	\$564.93
431103	1/13/2021	CWKK Corp (AKA: CWKK Crime Dex)	CrimeDex Subscription	\$79.00
431104	1/13/2021	Daily Journal of Commerce Inc	Bid Advertisements	\$449.40
431105	1/13/2021	David Das	Utility Billing Adjustment 11110 156th PI NE	\$456.72

431106	1/13/2021	DKS Associates	CC#9525 Adaptive Signal Control	\$1,813.25
431107	1/13/2021	Duvall Auto Parts	Parks Line Trimmer	\$148.41
431108	1/13/2021	Eastside Public Safety Communications Agency	Radio Access Fees December 2020	\$19,672.96
431109	1/13/2021	Electronic Business Machines	December 2020 Kyocera Maintenance W2M7502128	\$512.47
431110	1/13/2021	Emerald Paving Inc	4 Thermoplastic X Walks	\$17,042.01
431111	1/13/2021	Emerald Services Inc	Disposal of Oil Waste FD#16	\$659.50
431112	1/13/2021	EMS Technology Solutions LLC	Inventory And Asset Management License 1208092	\$1,231.00
431113	1/13/2021	Epicenter Services LLC	CC 8776 Waste Mgmt Extraordinary Recycling	\$1,863.75
431114	1/13/2021	Fire Department Safety Officers Association	Certification Travel Academy	\$9,080.00
431115	1/13/2021	Full Circle Environmental Inc	Commercial Recycling Outreach PA-2105252	\$5,456.46
431116	1/13/2021	Galls LLC	Uniform Supplies for Fire	\$2,857.51
431117	1/13/2021	Genuine Parts Co (AKA: NAPA)	Misc Auto Parts	\$669.64
431118	1/13/2021	Gordon Brown Associates	Refund Duplicate Payment of 2020 Business License	\$117.00
431119	1/13/2021	Hamish Anderson Custom Homes	Utility Billing Adjustment 13205 NE 100th St	\$492.25
431120	1/13/2021	HDR Engineering Inc	CC# 8807 On Call Engineering Services	\$45,646.78
431121	1/13/2021	Helena H Goos	Poetry from the Ground Up	\$100.00
431122	1/13/2021	Herrera Environmental Consultants Inc	CC# 8078 Paired Watershed Study	\$13,994.45
431123	1/13/2021	HIMA Nursery Inc	Plants	\$788.02
431124	1/13/2021	HNTB Corporation	CC# 8456 Transportation Planning & Engineering	\$37,152.64
431125	1/13/2021	Honey Bucket	Portable Toilet Rental Anderson Park	\$115.00
431126	1/13/2021	Hughes Fire Equipment Inc	Misc Parts	\$144.90
431127	1/13/2021	Ichijo USA Co Ltd	Cash Bond Refund Permit ROW 2020 03489	\$163,515.00
431128	1/13/2021	IDAX	CC# 9180 Transp Planning & Eng Traffic Counts	\$14,577.77
431129	1/13/2021	IdentiSys Incorporated	Door Access Cards	\$962.10
431130	1/13/2021	Imaging Inflight LLC	Drill-Conduct Range Check from Roof	\$500.00
431131	1/13/2021	Inland Construction	Refund Affordable Housing Esterra Block 6B	\$3,007.03
431132	1/13/2021	Integrity Structural Engineering PLLC	CC# 8184 Professional Services	\$22,919.95
431133	1/13/2021	International Conference of Police Chaplains	2021 Annual Membership Chaplain Sciola	\$125.00
431134	1/13/2021	International Municipal Signal Association	2021 IMSA Dues	\$1,610.00
431135	1/13/2021	Iron Mountain	Shredding Services for PD	\$125.02
431136	1/13/2021	Jimmys Auto Upholstery & Tops	Upholstery Work	\$1,093.29
431137	1/13/2021	Joeleta Martin	CC# 8980 Senior Exercise & Fitness Instruction	\$688.50
431138	1/13/2021	Johns Cleaning Service	Uniform Cleaning for Fire	\$979.11
431139	1/13/2021	KDL Hardware Supply Inc	Misc Lock Equipment for Fire Dept	\$1,188.20
431140	1/13/2021	King County	January - December 2020 Non-911 Usage	\$77.95

431141	1/13/2021	Klinge and Associates Inc	CC# 9456 Redmond Pool Renovation Phase 2	\$289,380.33
431142	1/13/2021	KPFF Consulting Engineers	Refund Affordable Housing Fees	\$3,058.15
431143	1/13/2021	Kronos Incorporated	WFD Implementation Balance	\$7,358.67
431144	1/13/2021	LaBonde Land Inc	CC# 8697 On Call Real Estate Services	\$11,082.50
431145	1/13/2021	LanguageLine Solutions(R)	Language Line Services December 2020	\$14.73
431146	1/13/2021	Larry Staley	Utility Billing Adjustment 15609 NE 113th Ct	\$86.92
431147	1/13/2021	Le pas LLC	CC# 9555 Tribal Carved Art Piece Lower Bear Creek	\$8,250.00
431148	1/13/2021	Leavitt Group Northwest	Policy 106656313 01/4/2021-01/04/2022	\$1,116.00
431149	1/13/2021	Level 3 Communications LLC	Long Distance & Internet Services January 2021	\$2,555.77
431150	1/13/2021	Life Assist Inc	Medical Supplies for Fire BLS & ALS	\$2,216.34
431151	1/13/2021	Lily Baumgart	Poet Laureate project	\$100.00
431152	1/13/2021	Linda Malland	Utility Billing Adjustment 10641 Avondale Rd NE	\$113.18
431153	1/13/2021	Lynne Steele	CC# 8981 Yoga Classes	\$225.00
431154	1/13/2021	Macdonald Miller Facility Solutions Inc	HVAC Replacement Project	\$41,257.64
431155	1/13/2021	Mamaril Enterprises LLC	Concrete Cutting Services	\$2,024.00
431156	1/13/2021	ManageForce Corporation	CC# 8238 SQL Server Database Admin Svcs Jan 2021	\$3,750.00
431157	1/13/2021	McKinstry Co LLC	HVAC Inspections	\$3,102.00
431158	1/13/2021	Murraysmith Inc	CC# 6810 Consulting & Engineering Services	\$2,105.00
431159	1/13/2021	Natalia De Lorenzo	Poet Laureate project	\$100.00
431160	1/13/2021	National Gift Card Corp	Q3 Incentives	\$6,460.00
431161	1/13/2021	Nicole Navarette	Poetry from the Ground Up	\$100.00
431162	1/13/2021	North Coast Electric Company	Electrical Supplies	\$6,042.54
431163	1/13/2021	Offices of Sharon Rice Hearing Examiner	CC# 8281 Hearing Examiner Services	\$2,176.00
431164	1/13/2021	Oleksii Ursulenko	Permit ROW-2020-06721 Work Completed	\$1,515.00
431165	1/13/2021	Open Text Inc	Open Text Annual Renewal 02/01/21-01/31/22	\$10,852.39
431166	1/13/2021	O'Reilly Auto Parts	Misc Auto Parts	\$353.39
431167	1/13/2021	Osborn Consulting Inc	CC# 8373-2 On Call Stormwater Engineering Services	\$30,359.53
431168	1/13/2021	Otak Inc	CC# 8802 On Call Development Review	\$120,945.18
431169	1/13/2021	Pacer Propane Inc	Propane	\$372.44
431170	1/13/2021	Pape Kenworth Northwest	Misc Parts	\$43.67
431171	1/13/2021	Parametrix Inc	CC# 9534 Peer Review of SCADA Master Plan	\$13,985.24
431172	1/13/2021	Penser NorthAmerica Inc	Self Insurance Claims December 2020	\$90,965.00
431173	1/13/2021	Perteet Engineering Inc	CC# 8464-1 Transportation Planning & Engineering	\$39,677.05
431174	1/13/2021	Public Safety Testing	Subscription Fees Q4 October-December 2020	\$1,263.00
431175	1/13/2021	Puget Sound Energy Inc	Street Light Standards (Luminaires, Poles & Arm)	\$68,039.96

431176	1/13/2021	Redmond Builders LLC	Permit ROW-2020-03711 Work Complete	\$41,745.00
431177	1/13/2021	Reez Properties Inc	Utility Billing Adjustment 12208 134th Ct NE	\$1,830.15
431178	1/13/2021	Reid Middleton Inc	CC# 8903 FS 16 & Fleet Shop Seismic Upgrades	\$21,631.25
431179	1/13/2021	Rex & Lisa Boye	Utility Billing Adjustment 16002 NE 109th Way	\$146.38
431180	1/13/2021	RH2 Engineering Inc	CC# 9145 Project 10000 Block of Avondale Erosion	\$24,080.64
431181	1/13/2021	River Oaks Communications Corporation	Phase 1 High Live Fiber Asset Management Strategies	\$4,587.50
431182	1/13/2021	Robert & Jennifer Laduca	Utility Billing Adjustment 10704 221st Ln NE	\$455.26
431183	1/13/2021	Romaine Electric	Misc Parts	\$2,064.98
431184	1/13/2021	Ron Robke	Utility Billing Adjustment 16128 NE 103rd St	\$284.11
431185	1/13/2021	Sanjay Tiku	Utility Billing Adjustment 15455 NE 107th Way	\$678.64
431186	1/13/2021	Seattle Design Nerds	CC# 9531 Redmond Lights 2020 Public Art	\$1,250.00
431187	1/13/2021	SHI International Corp	Adobe Acrobat Pro DC for teams Subscription	\$2,160.24
431188	1/13/2021	Siemens Industry Inc	CC# 9067-1 Maintenance Services 07/01/20-09/30/20	\$22,966.90
431189	1/13/2021	Sound Cities Association	2021 Dues for Member Cities	\$43,885.84
431190	1/13/2021	Sound Safety Products (DBA: Work N More)	Uniform for Planning Department	\$4,081.07
431191	1/13/2021	Sound Transit	CC # 9203 DRLE Construction Services Agreement	\$345,820.20
431192	1/13/2021	Springbrook Holding Company LLC	CivicPay Transaction Fee, Online Subscr. Dec 2020	\$3,371.49
431193	1/13/2021	Stein Lotzkar & Starr PS Inc	CC# 7782 Public Defender Services December 2020	\$38,219.00
431194	1/13/2021	Step Up Consulting LLC	Consulting Services for City's Kronos WFD Project	\$31,680.00
431195	1/13/2021	Steve Silverman	Utility Billing Adjustment 22853 NE 129th PI	\$505.55
431196	1/13/2021	T Mobile	December 2020 Services	\$20.48
431197	1/13/2021	TestAmerica Laboratories Inc	Decant A3107	\$232.50
431198	1/13/2021	Tetra Tech Inc	CC# 8539 Willows Road Pavement Overlay	\$12,924.84
431199	1/13/2021	The Dorothy Lois Lanphere Estate	Utility Billing Adjustment 23939 NE Greens Crossing	\$147.24
431200	1/13/2021	The Kenosha Motion Picture Institute	Redmond Lights Video	\$100.00
431201	1/13/2021	The Seattle Times	Legal Ads December 2020	\$1,045.87
431202	1/13/2021	Tible Law PLLC	Conflict Attorney Legal Fees	\$700.00
431203	1/13/2021	Toole Design Group LLC	CC# 8466-1 Planning & Eng On-call Svcs	\$740.85
431204	1/13/2021	Transportation Solutions Inc	CC# 9232-2 Curb Ramp Replacement project	\$10,880.42
431205	1/13/2021	TransUnion Risk & Alternative Data Solutions Inc	December 2020 Services	\$70.51
431206	1/13/2021	True North Equipment Inc	Heavy duty auto parts	\$511.93
431207	1/13/2021	UniFirst Corporation	Laundry services for Fire Fleet Dept	\$82.69
431208	1/13/2021	Union Hill Water Assn	December 2020 Services	\$563.77
431209	1/13/2021	UpCodes Inc	UpCodes Annual Team license 3 years subscription	\$8,892.00
431210	1/13/2021	URS Electronics Inc	Traffic Signal Cameras	\$6,085.25

431211	1/13/2021	Utilities Underground	December 2020 Services Acct # 107500	\$595.98
431212	1/13/2021	Verizon Wireless	December 2020 Services	\$68.14
431213	1/13/2021	Washington Audiology Services Inc	Hearing exams for employees	\$208.00
431214	1/13/2021	Washington State Dept of Ecology	CC # 9512 Restoration Site Maintenance Dec 2020	\$21,240.00
431215	1/13/2021	Washington State Office of Treasury (Permit Fees)	4th Qtr 2020 Building Code Council Permit Fees	\$2,525.00
431216	1/13/2021	Waste Management Northwest	Street Sweeping & Vactor Decanted Waste	\$14,154.18
431217	1/13/2021	Waste Management Northwest	December 2020 Services	\$55.64
431218	1/13/2021	Webcheck Inc	Webcheck Services December 2020	\$554.40
431219	1/13/2021	Western Systems Inc	Load Switches & Flashers PO-1209273	\$1,335.64
431220	1/13/2021	Winterbauer & Diamond PLLC	CC# 9466 - Consulting Services	\$1,575.00
431221	1/13/2021	Wm Dickson Co	CC#9533 Senior Center Demolition	\$95,960.60
431222	1/13/2021	Wright Runstad Associates Limited Partnership	CC# 7388-2 Management Fees January 2021	\$6,814.24
431223	1/13/2021	WSP USA Inc	CC# 8372-2 On Call Stormwater Modeling Svcs	\$15,458.38
431224	1/13/2021	YWCA Seattle King County	2020 Commute for a Cause - 2020 ORCA card grant	\$7,278.00
431225	1/13/2021	King County	January 2021 Sewer	\$1,466,036.66

Total Checks: \$3,644,860.60

Trans No.	Trans Date	Vendor	Description	
Wire	1/13/2021	Premera	Medical Claims	\$206,558.16
Total Wire Transfers:				<u><u>\$206,558.16</u></u>

Voids				
419701	1/12/2021	Imaging Inflight LLC	Check issued on - 4/18/2019	(\$500.00)
430731	1/13/2021	All Star Auto Glass	Check issued on - 12/23/2020	(\$324.51)
Total Voids:				<u><u>(\$824.51)</u></u>

Grand Total: \$3,850,594.25

Summary	
1/6/21 Ck Run	\$2,083,427.46
1/13/21Ck Run	\$3,644,860.60
Wire Transfers	\$373,999.95
Voids	(\$824.51)
Total	<u><u>\$6,101,463.50</u></u>

City of Redmond
Payroll Check Approval Register
Pay period: 12/01 - 12/31
Check Date: 12/31/2020

Check Total:	\$	-
Direct Deposit Total:	\$	7,214.61
Wires & Electronic Funds Transfers:	\$	(272.02)
Grand Total:	<u>\$</u>	<u>6,942.59</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.

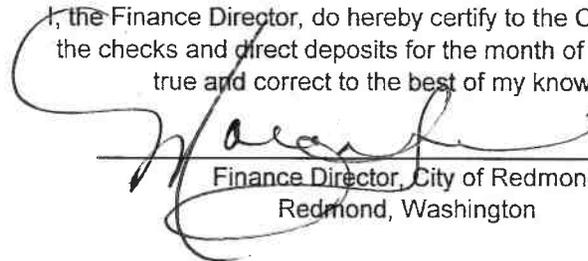
All Checks numbered through
Direct deposits numbered **107236** through **107242**, and
Electronic Fund transfers **1267** through **1267**
are approved for payment in the amount of **\$6,942.59**
on this **19th day of January 2021**.

Note:

City of Redmond
Payroll Final Check List
Pay period: 12/01 - 12/31
Check Date: 12/31/2020

Total Checks and Direct deposit:	\$	7,473.01
Wire Wilmington Trust RICS (MEBT):	\$	(530.42)
Grand Total:	<u>\$</u>	<u>6,942.59</u>

I, the Finance Director, do hereby certify to the City Council, that the checks and direct deposits for the month of **December** are true and correct to the best of my knowledge.



Finance Director, City of Redmond
Redmond, Washington

pyChkLst

12/29/2020 10:06AM

Payroll Final Check List

CITY OF REDMOND

Page: 1

12/01/2020 to 12/31/2020- Type 1 Cycle m

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107236	12/31/2020	047395	ANDERSON, JERALEE L	0.00	1,337.03
107237	12/31/2020	038878	CARSON, DAVID M	0.00	1,290.30
107238	12/31/2020	047396	FIELDS, STEVEN J	0.00	1,255.57
107239	12/31/2020	047769	FORSYTHE, JESSICA	0.00	245.33
107240	12/31/2020	047775	KHAN, VARISHA	0.00	1,427.05
107241	12/31/2020	047768	KRITZER, VANESSA	0.00	364.30
107242	12/31/2020	047264	PADHYE, TANIKA K	0.00	1,295.03
Employee Check Totals				0.00	7,214.61
Bank dirdep Totals (7 Forms)				0.00	7,214.61

pyChkLst
12/29/2020 10:06AM

Payroll Final Check List
CITY OF REDMOND
12/01/2020 to 12/31/2020- Type 1 Cycle m

Bank: eft - KEY BANK
Benefit Checks

Check #	Date	Payee #	Name	Check Amt	Direct Deposit
1267	12/31/2020	026	ELECTRONIC FEDERAL TAX PAYMENT	258.40	0.00
Total				258.40	0.00
Payee Totals				258.40	0.00
Bank eft Totals (1 Forms)				258.40	0.00
Grand Total				258.40	7,214.61

Next Step: Account Posting (AP)
Pay Period is Open (Locked)

Totals Checks and Direct Deposit (8 Forms) 7,473.01

Benefit Checks - pending for pay period from 12/16/20 to 12/31/20 ID: 596

Check #	Date	Payee #	Name				Amount
1265	1/8/2021	002	DEPARTMENT OF RETIREMENT PERS				
	Source pay period: 12/01/2020 to 12/15/2020 Cycle s		ID: 577	Doc source: pers3pay	Bended code: 1120	Fund: 036	-64.85
	12/01/2020 to 12/15/2020 Cycle s		ID: 849	pers3pay	1120	036	89.85
						Check Total:	25.00
1266	1/8/2021	026	ELECTRONIC FEDERAL TAX PAYMENT, SYSTEM				
	Source pay period: 12/01/2020 to 12/15/2020 Cycle s		ID: 577	Doc source: mcardpay	Bended code: 8001	Fund: 036	-7.25
	12/01/2020 to 12/15/2020 Cycle s		ID: 849	mcardpay	8001	036	14.50
						Check Total:	7.25
						Organization Total:	32.25
						Pay Period Total (12/16/20 to 12/31/20 ID: 596):	32.25
						Benefit Checks Grand Total:	32.25

pyChkLst
12/29/2020 10:06AM

Payroll Final Check List
CITY OF REDMOND
12/01/2020 to 12/31/2020- Type 1 Cycle m

Employee Gender Statistics

Number of females paid	5
Number of males paid	2
Total Employees Paid	7



Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-010
Type: Consent Item

TO: Members of the City Council
FROM: Mayor Angela Birney

DEPARTMENT DIRECTOR CONTACT(S):

Planning and Community Development	Carol Helland	425-556-2107
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DEPARTMENT STAFF:

Planning and Community Development	Beverly Mesa-Zendt	Deputy Director
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TITLE:

Adoption of a Resolution Approving the Planning and Community Development Fee Schedule Amendments - Comprehensive Plan Amendments

- a. Resolution No. 1541: A Resolution of the City Council of the City of Redmond, Washington, Amending the User Fee Schedule by Adding Comprehensive Plan Amendment User Fees and Costs to the City Planning and Community Development Department Schedule of Fees Under Redmond Zoning Code 21.76.070

OVERVIEW STATEMENT:

Staff is seeking approval of new development review fees for Comprehensive Plan Amendment applications. Fees are proposed as a follow-up administrative item associated with amendments to RZC 21. 76.070 (J) Comprehensive Plan Map and/or Policy Amendment, adopted by City Council on October 10, 2020. Fees would be applicable for the 21-22 Comprehensive Plan Amendment Docket process.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

- Receive Information
- Provide Direction
- Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Redmond Comprehensive Plan
- **Required:**
Redmond Zoning Code (RZC) 21.76.030 (E) Application Requirements, RZC 21. 76.070 (J) Comprehensive Plan Map and/or Policy Amendment, Chapter 36.70 RCW PLANNING ENABLING ACT
- **Council Request:**
N/A

- **Other Key Facts:**

On October 6, 2020, City Council adopted amendments to RZC 21. 76.070 (J) [Docket Process Amendments <https://www.redmond.gov/DocumentCenter/View/15343/ORD3010-PDF?bidId=>](https://www.redmond.gov/DocumentCenter/View/15343/ORD3010-PDF?bidId=>). At that time, staff informed City Council of their intent to bring forward proposed fees that support the time and staff resources required to prepare the Annual Docket of Comprehensive Plan amendments, Comprehensive Plan and related zoning code amendments.

The process for amending a Comprehensive Plan is deliberately prescriptive under the Growth Management Act and requires docketing, public notification, and public hearings to ensure that the same rigor is applied to docketed amendments that would be required for amendments associated with a periodic review. In Redmond, procedural steps include:

- Pre-application meeting;
- Staff analysis, review, and reports,
- SEPA review,
- Technical Committee review,
- Planning Commission review
- Public Hearing and required publishing and notification,
- Public Outreach, and
- City Council Review and Approval.

Staff has worked closely with Finance Department staff to analyze applicable costs based on typical staff needed, total staff hours, and hourly staff rates utilizing examples from recent docket cycles. Total fees have been developed in the full cost recovery method consistent with the user fee schedule adopted in 2018.

OUTCOMES:

New Comprehensive Plan Amendment fees will allow the City to be appropriately reimbursed for the staff time and resources required to fully process Comprehensive Plan amendments and related zoning changes when applicable. Currently, applications to revise the Redmond Zoning Code (maps or text changes) require fees that are calibrated to capture the expense and time associated with processing requested changes, however, if such a change is coupled with a Comprehensive Plan amendment, there are no applicable fees. Approval of this resolution will establish the following fee structure effective February 1, 2021.

- A new Comprehensive Plan Amendment Fee of \$3,305.58;
- A combined Comprehensive Plan Land Use Map Amendment (\$3,305.58)/Rezone Fee (\$ 18,803.83 current 2020 fee) of \$22,109.41; and
- A combined Comprehensive Plan Text Amendment (\$3,305.58)/ Zoning Text Amendment Fee (\$13,195.80 current 2020 fee) of \$16,500.38.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**

Outreach has occurred primarily during December, primarily the week of December 14, 2020.

- **Outreach Methods and Results:**

Staff provided a presentation on proposed amendments to One Redmond on December 17, 2020. Staff submitted the fee proposal for review to:

- Zoning code amendment interested parties;
- Applicants who have expressed interest in applying for the 20-21 Docket;

- Previous applicants, and;
- Building and development community representatives.

Additionally, a notice of the proposed fee change was posted on the Development Services Center webpage.

• **Feedback Summary:**

Staff received feedback from three respondents. Comments include requests for the City Council to consider:

- A discount on fees for applicants whose applications were not docketed in the past year;
- A discount for applicants providing high-density housing; and
- The high cost of applications and the impact on potential applicants who may not be able to afford the new fee.

BUDGET IMPACT:

Total Cost:

N/A

Approved in current biennial budget:

Yes No N/A

Budget Offer Number:

000250

Budget Priority:

Vibrant and Connected

Other budget impacts or additional costs:

Yes No N/A

If yes, explain:

This proposal would allow the collection of new fees for Comprehensive Plan amendments and would apply zoning code and map amendment fees when applicable. This would provide cost recovery for the staff time and resources required for managing the annual docket and the associated work required to amend the Comprehensive Plan and the Zoning Code.

Funding source(s):

N/A

Budget/Funding Constraints:

N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
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1/6/2021	Business Meeting	Receive Information
12/8/2020	Committee of the Whole - Planning and Public Works	Receive Information
9/22/2020	Study Session	Receive Information
9/15/2020	Business Meeting	Receive Information
9/8/2020	Committee of the Whole - Planning and Public Works	Receive Information

Proposed Upcoming Contact(s)

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

Time Constraints:

In accordance with the adopted revisions to RZC 21. 76.070 (J), the City must open the 2021- 2022 Docket for applications January through April of 2021. Approval of the new Comprehensive Plan Amendment Fees would allow the collection of fees to proceed on schedule with the new docket schedule for application intake, docket approval, and adoption of amendments.

ANTICIPATED RESULT IF NOT APPROVED:

Staff would accept applications for the 2021-22 Annual Docket of Comprehensive Plan Amendments in accordance with RZC 21. 76.070 (J) without the collection of fees.

ATTACHMENTS:

Attachment A- Resolution Amending the Planning and Community Development User Fee Schedule

CITY OF REDMOND
RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, AMENDING THE USER FEE SCHEDULE BY ADDING COMPREHENSIVE PLAN AMENDMENT USER FEES AND COSTS TO THE CITY PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT SCHEDULE OF FEES UNDER REDMOND ZONING CODE 21.76.070

WHEREAS, the City Council adopted Resolution No. 1509 which established a Planning and Community Development Department schedule of fees, charges and penalties for various applications submitted to the City for various services and materials provided by the City; and

WHEREAS, RZC 21.76.030 (E) (1) (b) provides that the Director of Planning and Community Development (Director) is to promulgate fee schedules for land use permit applications, building applications, building inspection, electrical, mechanical, and plumbing permit fees, and to revise periodically the same as needed in light of costs of administering said permit systems, subject to approval of the City Council by resolution; and

WHEREAS, the City Council desires to amend the Planning and Community Development schedule of fees to add new fees and costs to reflect changes to the Redmond Zoning Code 21.76.070 regarding Comprehensive Plan Map and/or Policy Amendment; and

WHEREAS, the Planning Director shall annually review fees and costs which are adequate to cover the City's costs of providing the services for which the fee, charge or penalty is collected; and

WHEREAS, after review, the Department Director determines that the City's costs are not adequately covered, the Department Director may administratively increase the amount of the user fee, charge or penalty in order to cover the City's cost of providing the service, provided, that the increase shall not exceed the most recently published Consumer Price Index - Wage Earners and Clerical workers for the Seattle-Tacoma area, as published by the U.S. Department of Labor - Bureau of Labor Statistics.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, HEREBY RESOLVES AS FOLLOWS:

Section 1. Fee Schedule Amended. The schedule of fees attached to this resolution as Exhibit A and incorporated herein by this reference as if set forth in full, is hereby adopted as the official fee schedule for the City of Redmond's Comprehensive Plan Map and/or Policy Amendment.

Section 2. Effective Date. The fees established by Section 1 shall become effective, with the addition of the 2021 CPI adjustment, upon February 1, 2021.

ADOPTED by the Redmond City Council this ____ day of _____, 2021.

CITY OF REDMOND

ANGELA BIRNEY, MAYOR

ATTEST:

CHERYL XANTHOS, MMC, CITY CLERK (SEAL)

FILED WITH THE CITY CLERK:
PASSED BY THE CITY COUNCIL:
RESOLUTION NO.

EXHIBIT A

COMPREHENSIVE PLAN AMENDMENT FEES

<u>DESCRIPTION</u>	<u>FEE/ CHARGE</u>
Comprehensive Plan Amendment Fee	\$3,305.58
Comprehensive Plan Amendment with Zoning Code Amendment: Map - Applicant Initiated	\$22,109.41
Comprehensive Plan Amendment with Zoning Code Amendment: Text - Applicant Initiated	\$16,501.38



Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-011
Type: Consent Item

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

Public Works	Dave Juarez	425-556-2733
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DEPARTMENT STAFF:

Public Works	Mike Paul	Senior Engineer
Public Works	Jon Spangler	Engineering Manager
Planning and Community Development	Don Cairns	Engineering Manager

TITLE:

Approval of Supplemental Agreement No. 3 with Integrity Structural Engineering, PLLC in the Amount of \$196,425 for Bridge Engineering On-Call Consultant Support for the Overlake Village Station and Redmond Technology Station Pedestrian Bridges

OVERVIEW STATEMENT:

This Supplemental Agreement provides for additional bridge engineering services needed to provide continued construction support for two new pedestrian bridges in the Overlake Neighborhood. The Overlake Village Station (OVS) Pedestrian Bridge is being delivered by Sound Transit under their E360 design-build contract. The Redmond Technology Station (RTS) Pedestrian Bridge is being delivered by Microsoft under a separate design-build contract. Both bridges will be conveyed to the City after they are completed. Additional costs are funded from existing project budgets.

Additional funds are needed for the OVS Pedestrian Bridge because the construction duration is longer than originally planned and level of effort required to respond to changes and address non-conforming work is greater than anticipated.

For the RTS Pedestrian Bridge the level of the support needed during construction is greater than anticipated due to the complexity of the project, construction challenges, large number of design changes, need to address non-conforming work, and nature of the design-build process. In addition, the construction duration is longer than originally anticipated.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

- Receive Information
- Provide Direction
- Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
N/A
- **Required:**
Revised Code of Washington 39.80 and City Purchasing Policies and Procedures requires Council authorization for the Mayor to sign the contract.
- **Council Request:**
N/A
- **Other Key Facts:**
Integrity Structural Engineering Contract Summary
 - *Consultant Agreement on 7/19/16*
 - Amount - \$300,000
 - Original agreement, 12/31/19 completion date
 - *Supplement #1 on 11/19/19*
 - Amount - \$150,000
 - Added RTS Ped Bridge construction phase, completion date extended to 12/31/2022
 - *Supplement# 2 on 8/7/20*
 - Amount - \$50,000
 - Additional construction support for both bridges. This supplement was a stopgap measure until the cost through completion could be accurately estimated
 - *Supplement #3 (Pending Council Approval)*
 - Amount - \$196,425
 - Additional construction support
 - \$9,000 for OVS Ped Bridge
 - \$146,425 for RTS Ped Bridge
 - **Total Cost for All - \$696,425**

OUTCOMES:

These pedestrian bridges will improve mobility, safety, and accessibility in the Overlake neighborhood by providing new east-west trail connections across SR 520 for pedestrians and bicyclists to access the light rail stations, SR520 bike trail, and other destinations. This supplemental agreement provides for the specialized structural engineering services needed to support the City during the design and construction of the two bridges.

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:
\$696,425

Approved in current biennial budget: Yes No N/A

Budget Offer Number:
CIP
Other - Microsoft/City of Redmond Construction Agreement

Budget Priority:
CIP

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

If yes, explain:
N/A

Funding source(s):
CIP: \$340,145
Microsoft: \$356,280 (Construction Agreement for the RTS Ped bridge)

Budget/Funding Constraints:
N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
6/16/2020	Business Meeting	Receive Information
9/15/2020	Business Meeting	Receive Information
11/17/2020	Business Meeting	Receive Information
1/12/2021	Committee of the Whole - Planning and Public Works	Approve

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
1/19/2021	Business Meeting	Approve

Time Constraints:

Timely approval of this Supplemental Agreement is important to provide continued, uninterrupted structural engineering support during construction. The existing consultant agreement is expected to be fully expended by February 2021.

ANTICIPATED RESULT IF NOT APPROVED:

The City will not have access to the specialized technical expertise needed to represent the City's interests with respect to quality, function, operations, and long-term maintenance.

ATTACHMENTS:

Attachment A: Additional Background Information

Attachment B: Supplement Agreement No. 3

Attachment A: Additional Background information

Integrity Structural Engineering Supplemental Agreement No. 3

Background Information

The Overlake Village Station (OVS) and Redmond Technology Station (RTS) pedestrian bridges were originally part of Sound Transit's E360 design-build contract, which was scheduled to be completed in 2019. In 2016 the City selected Integrity Structural Engineering to provide bridge engineering support services for both bridges during design and construction. At this time the OVS pedestrian bridge is still under construction and expected to be completed in 2021.

In late 2016 Microsoft developed a new design concept for the RTS Pedestrian Bridge and removed it from the E360 contract. The new design shifted the alignment south to connect into Microsoft's redevelopment plans for East Campus, increased the width from 14' to 30'-50', increased the length to approximately 1,200' and significantly increased the scope, scale, and complexity of the bridge. The RTS bridge is currently being delivered by Microsoft under a separate design-build contract and scheduled to be completed in 2022. Both bridges will be conveyed to the City after they are completed.

This supplemental agreement provides for continued structural engineering support services through construction completion of the bridges and was identified as an anticipated Council action in the Sound Transit Light Rail Quarterly Updates presented to Council on 6/16/20, 9/15/20, and 11/17/20. Additional services are needed for the reasons described below. Additional costs will be paid for from current project budgets.

- OVS Pedestrian Bridge (Figure 1)
 - Although nearing completion, the bridge is still under construction and the construction duration is approximately 15 months longer originally anticipated
 - The level of effort required to review and respond to design changes and address non-conforming work is greater than originally anticipated.
 - Funding: CIP, \$9,000
- RTS Pedestrian Bridge (Figure 2)
 - The level of the support needed during the construction phase is greater than anticipated due to the complexity of the project, construction challenges, large number of design changes, need to address non-conforming work, and nature of the design-build process.
 - The construction duration for the bridge is longer than originally anticipated
 - Funding: Microsoft: \$187,425 (funded by an existing Construction Agreement with the City)

Integrity Structural Engineering Contract Summary

7/19/16	Consultant Agreement	\$300,000	Original agreement, 12/31/19 completion date
11/19/19	Supplement 1	\$150,000	Added RTS Ped Bridge construction phase, completion date extended to 12/31/2022
8/7/20	Supplement 2	\$50,000	Additional construction support for both bridges. This supplement was a stopgap measure until the cost through completion could be accurately estimated.
1/19/21	Supplement 3	\$196,425	Additional construction support, primarily for the RTS Ped Bridge, pending Council approval
	Total	\$696,425	

Funding

	OVS Bridge	RTS Bridge	Total
CIP	\$194,519.22	\$145,625.78	\$340,145.00
Microsoft Construction Agreement		\$356,280.00	\$356,280.00
			\$696,425.00

Figure1 - OVS Pedestrian Bridge (looking west)



Figure 2 - RTS Pedestrian Bridge (looking west)





Supplemental Agreement Number _____		Organization and Address	
Original Agreement Number		Phone:	
Project Number	Execution Date	Completion Date	
Project Title	New Maximum Amount Payable \$		
Description of Work			

The Local Agency of _____
desires to supplement the agreement entered into with _____
and executed on _____ and identified as Agreement No. _____

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the agreement are described as follows:

I

Section 1, SCOPE OF WORK, is hereby changed to read:

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: _____

III

Section V, PAYMENT, shall be amended as follows:

as set forth in the attached Exhibits, and by this reference made a part of this supplement.

If you concur with this supplement and agree to the changes as stated above, please sign in the appropriate spaces below and return to this office for final action.

By: _____

By: _____

Consultant Signature

Approving Authority Signature

Date

Exhibit A

Supplemental Agreement No. 3

Integrity Structural Engineering, PLLC

December 16, 2020

Scope of Work

Technical support and effort required for OVS Pedestrian Bridge (Task 3) is extended by duration and NCRs. Significantly greater added construction support for RTS Pedestrian Bridge (Task 4) due to Plan revisions and NCRs that were not possible to have been anticipated. RTS is presently at Notice of Design Change No. 048 and Non-Conformance Report (NCR) No. 061 each of which routinely includes a calculation package, revised Plan sheets, discussion of changes, added meetings, and independent work to review, comment, and validate. Changes are occurring due to the complexity of the project, but many are quality issues, and many occur because the designer-builder frequently proposes changes to previously approved plans. The additional structural engineering services included:

- Review and providing recommendations to address on-going quality issues and Non-Conformance Reports (NCR)
- Additional review required for Notice of Design Changes (NDC), Field Design Changes (FDC), and Design Requests for Information (DRFI) with short turn-around.
- Review for multiple rounds and resubmittal for shop drawings and Contractor's partitioning of submittals such as lower pier cap, intermediate cap, and (upper cap) end diaphragm pour.
- Added technical support for mis-located rebar, revised structural system, or quality questions.
- On-going support for DP024 Canopy Design through IFC and shop drawings.
- Work demand has been tied to the Contractor's Project Activity Schedule, which in quantity of work appears to critically accelerate further in 2021 to complete works by February 2022. Added subcontractor complications and may extended/continue schedule through July 2022.

Fee Estimate - Task 4 Additional Structural Engineering Services

Subtask	Description	Est. Hours
3B&C	Added Punchlist and Technical NDC Reviews	60 hrs
4C	Shop Drawing, FDC, NDC, and DP024 Review	826 hrs
4D	Construction Meetings and Special Inspection Support	408 hrs
Total Hours		1294 hrs
Billing Rate		\$151.50/hr
Labor		\$196,041.00
Reimbursables	Added Reproduction	\$384.00
Total		\$196,425.00

Contract Summary

	Original Agreement:	Supplement 1: Add Task 4 RTS Construction	Supplement 2: Added Task 3 & Task 4 Constr.	Supplement 3: Added Task 3 & Task 4 Constr.	Total
Billing Salary Cost	\$297,625.00	\$147,800.00	\$49,995.00	\$196,041.00	\$691,461.00
Direct Non-Salary Costs	\$2,375.00	\$2,200.00	\$5.00	\$384.00	\$4,964.00
Total	\$300,000.00	\$150,000.00	\$50,000.00	\$196,425.00	\$696,425.00



PROJECT: City of Redmond OVS & RTS Bridge JOB # 16-007 DATE: Dec., 2020
 SUBJECT: Anticipated Budget Requirement BY: KMW SHEET #

- Assumptions:**
- Required Support Matches Contractor Construction Activity Schedule
 - Utilization will Follow Similar to Current
 - Current Maximum RTS Monthly Expenditure is \$15,000
 - Approximate RTS Remaining Budget from January 1, 2021 = \$15,500
 - RTS Pedestrian Bridge Complete in July 2022

RTS Pedestrian Bridge Construction Support To Completion

2021											
1/1-1/31	2/1-2/28	3/1-3/31	4/1-4/30	5/1-5/31	6/1-6/30	7/1-7/31	8/1-8/31	9/1-9/30	10/1-10/31	11/1-11/30	12/1-12/31
\$ 13,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 11,000.00	\$ 11,000.00	\$ 11,000.00	\$ 11,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00

2022							Anticipated	Existing Budget		RTS TOTAL
1/1-1/31	2/1-2/28	3/1-3/31	4/1-4/30	5/1-5/31	6/1-6/30	7/1-7/31	SubTotal	Contingency	Remaining	ADDED EXPENDITURE
\$ 10,000.00	\$ 9,000.00	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 193,000.00	\$ 10,000.00	\$ 15,500.00	\$ 187,500.00
										Approx. 1,230 hrs Added

- Assumptions:**
- OVS Pedestrian Bridge Complete in January 2021 with Added Budget Starting October 2020
 - Approximate OVS Remaining Budget Starting October 1, 2020 = \$13.00

OVS Pedestrian Bridge Construction Support To Completion

2020			2021	Anticipated	OVS TOTAL		
10/1-10/31	11/1-11/30	12/1-12/31	1/1-1/31	SubTotal	Contingency	ADDED EXPENDITURE	
\$ 2,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 8,000.00	\$ 1,000.00	\$ 9,000.00	
							Approx. 60hrs Added



Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-012
Type: Consent Item

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

Planning and Community Development	Carol Helland	425-556-2107
Finance	Kelley Cochran	425-556-2748

DEPARTMENT STAFF:

Planning and Community Development	Don Cairns	Transportation Planning and Engineering Manager
Planning and Community Development	Jeff Churchill	Long Range Planning Manager
Finance	Terry Marpert	Real Property Specialist

TITLE:

Adoption of a Resolution to Set a Public Hearing Date for a Right-of-Way Vacation of a Portion of NE 70th Street

- a. Resolution No. 1542: A Resolution of the City Council of the City of Redmond, Washington, Setting February 16, 2021 as the Date for a Public Hearing on the Vacation of a Portion of NE 70th Street Right-of-Way Lying West of 176th Avenue NE and East of the Western Terminus of NE 70th Street

OVERVIEW STATEMENT:

As part of the Downtown Redmond Link Extension (DRLE), Sound Transit has petitioned the City to vacate a portion of NE 70th Street in Marymoor Village for the purpose of constructing the Southeast Redmond light rail station. Sound Transit will realign and reconstruct NE 70th Street in front of the station as part of DRLE and dedicate it to the City at the end of the DRLE project. Consistent with state law, the Council is required to set a public hearing date by resolution, hold a public hearing, and memorialize the vacation through adoption of an ordinance. The following street vacation schedule is proposed:

- January 12, 2021: Committee of the Whole briefing (*completed*)
- January 19, 2021: Council adoption of a resolution setting the public hearing date
- February 16, 2021: Public hearing before the City Council and consideration of the vacation ordinance after the public hearing is concluded.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

- Receive Information Provide Direction Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Marymoor Subarea Infrastructure Plan (2017); Comprehensive Plan Policies TR-10 and TR-11
- **Required:**
Pursuant to chapter 35.79 RCW the City Council must hold a public hearing and is the decision maker for this petition.
- **Council Request:**
N/A
- **Other Key Facts:**
The approach for vacating the existing street right-of-way and subsequently dedicating new street right-of-way is detailed in Letter of Concurrence 22 between the City and Sound Transit. The letter is incorporated into the DRLE Development Agreement executed on August 21, 2019.

OUTCOMES:

Vacating a portion of the existing NE 70th Street right-of-way will enable Sound Transit to construct the light rail station in Marymoor Village.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
Staff proposes that the City Council hold a public hearing on the right-of-way vacation on February 16, 2021 and consider approval after the hearing is closed.
- **Outreach Methods and Results:**
The City must post notice of the public hearing at three conspicuous locations and at the subject location (RCW 35.79.020). Sound Transit has communicated extensively with all affected property owners during its property acquisition process.
- **Feedback Summary:**
Key concerns among affected owners are maintenance of property and business access and provision of utility services during construction. Sound Transit has developed plans to maintain access and utility services during construction.

BUDGET IMPACT:

Total Cost:

The right-of-way vacation has no cost to the City. Sound Transit is compensating the City by reconstructing NE 70th Street in front of the light rail station and dedicating that new right-of-way to the City at the end of the DRLE project.

Approved in current biennial budget: Yes No N/A

Budget Offer Number:

000240 - Light Rail

Budget Priority:

Vibrant and Connected

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

If yes, explain:

N/A

Funding source(s):

115 - Development Staffing Agreement

Budget/Funding Constraints:

DRLE Development Agreement

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
11/17/2020	Business Meeting	Receive Information
1/12/2021	Committee of the Whole - Planning and Public Works	Receive Information

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
2/16/2021	Business Meeting	Approve

Time Constraints:

Sound Transit must take possession of the portion of NE 70th Street right-of-way to be vacated in order to complete construction, which is scheduled to begin within the next two months.

ANTICIPATED RESULT IF NOT APPROVED:

Construction of the Southeast Redmond station parking garage begins in winter 2021. If the City Council does not approve the right-of-way vacation, the light rail station in Marymoor Village will need to be redesigned, significantly impacting both the project cost and schedule.

ATTACHMENTS:

Attachment A: NE 70th Street Right-of-Way Vacation Supplemental Information

Attachment B: NE 70th Street Right-of-Way Vacation Petition

Attachment C: Resolution

Exhibit A: Legal Description

Attachment A: NE 70th Street Right-of-Way Vacation Supplemental Materials

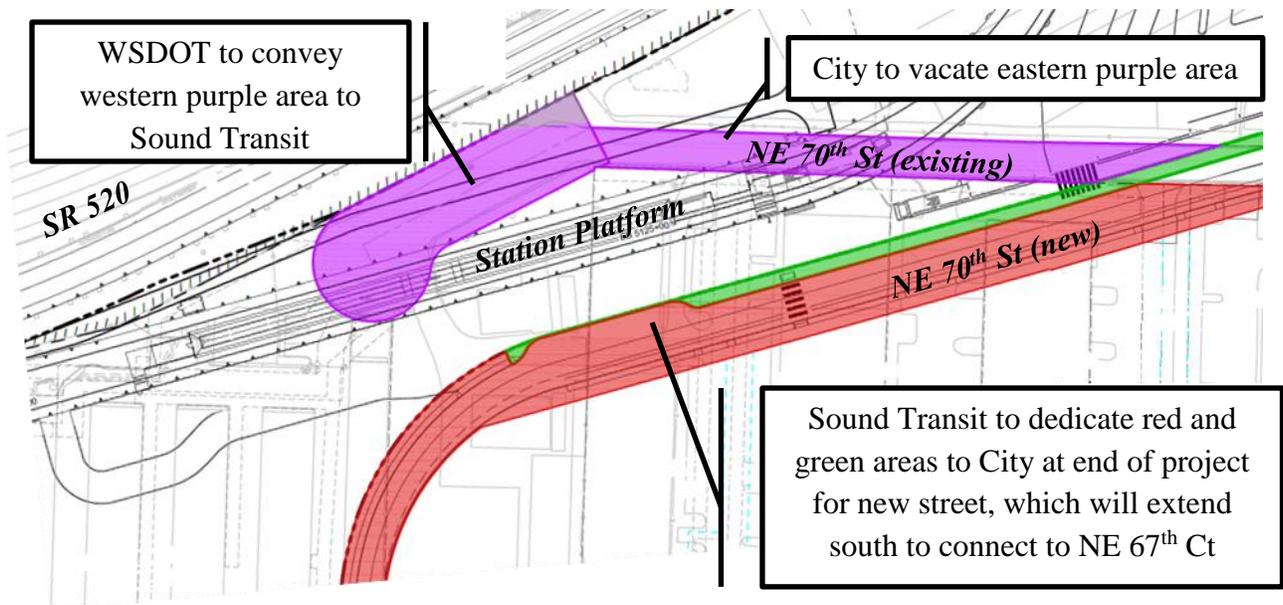
Background

Sound Transit is extending light rail 3.4 miles from the future Redmond Technology Station in Overlake to Downtown Redmond. The extension has two stations: one in the Marymoor Village area of Southeast Redmond with an associated 1,400-stall parking structure, and a terminus station in Downtown Redmond.

As part of the extension, Sound Transit will realign a portion of NE 70th Street in Marymoor Village to accommodate the Southeast Redmond Station and parking structure. One of the required steps in realigning the street is for the City to vacate a portion of the existing ROW.

NE 70th Street Vacation, Temporary Rights, and Future Street Dedication

As part of the Downtown Redmond Link Extension (DRLE), Sound Transit will realign NE 70th Street and extend a new street to the south, 173rd Avenue NE, to facilitate construction of the Southeast Redmond Station and improve circulation in Marymoor Village. The areas of street vacation and dedication are shown in the graphic below.



The vacation of a portion of NE 70th Street ROW is the first in a series of property rights transactions that will ultimately result in Sound Transit dedicating a new segment of NE 70th Street fronting the Southeast Redmond Station. The general sequence of events follows and is further detailed in project Letter of Concurrence (LOC) 22, incorporated by reference into the DRLE Development Agreement approved by the City Council.

1. City vacates portion of NE 70th Street ROW
2. Sound Transit grants temporary utility and public access rights in the existing NE 70th Street alignment to ensure continued provision of utility services and property access during construction
3. Sound Transit grants temporary utility and public access rights in the new NE 70th Street alignment when the new alignment of NE 70th Street and associated utilities are ready for public use

4. Sound Transit deeds the new alignment of NE 70th Street to the City as ROW

The western end of NE 70th Street is operated by the City as a public street but is owned by the Washington State Department of Transportation (WSDOT). Therefore, WSDOT will convey its portion of NE 70th Street to Sound Transit separately. As part of LOC 22, City staff have agreed to send a letter to WSDOT indicating that the City no longer needs the cul-de-sac for public street purposes.

Right-of-Way Vacation Process

Chapter 35.79 RCW requires a municipality's legislative body to make decisions on ROW vacations. The summary process for a ROW vacation is as follows:

1. Adjacent property owners petition the City to vacate the ROW
2. City Council sets hearing date by resolution
3. City provides notice of public hearing
4. City Council holds public hearing
5. City Council acts on vacation ordinance

Sound Transit submitted a petition to vacate a portion of NE 70th Street ROW on May 19, 2020. The petition contains the signatures of more than two-thirds of the adjacent owners as measured in lineal feet. In fact, Sound Transit has acquired property rights for 100 percent of the abutting land. Because the petition meets the two-thirds threshold, under state law, the City Council must, at a future business meeting, adopt a resolution setting a date for a public hearing to consider the petition.

Compensation

State law provides that the City may require adjacent owners to compensate the City in an amount not to exceed one-half of the appraised value of the vacated area. In this instance, Sound Transit will be replacing the existing street ROW with a new, larger street ROW, and improving the ROW according to City standards. Therefore, staff recommends that the new street ROW and improvements be considered compensation for the ROW vacation.

Right-of-Way Vacation Ordinance

The City Council can expect to see the following elements in the NE 70th Street right-of-way vacation ordinance:

- Authorization for the Mayor to vacate the subject right-of-way
- Requirement for Sound Transit to dedicate temporary utility and public access rights
- Statement that the City will accept the new NE 70th Street right-of-way and improvements as compensation
- Authorization for the Finance Department to record the ordinance and quit claim deed
- Setting an effective date tied to the resolution of the eminent domain action for one of the abutting properties

Next Steps

The proposed timeline for the right-of-way vacation is as follows:

- January 12, 2021: Committee of the Whole briefing
- January 19, 2021: Council adopts resolution setting public hearing date
- February 16, 2021: Council holds public hearing

The Council may decide on the right-of-way vacation as soon as the public hearing concludes.

Petition to Vacate a Street, Alley, or Public Easement

Developed for and to be used only for the proposed vacation of a portion of NE 70th St in Southeast Redmond

Contact Information

Name of person filing petition (agent):	Central Puget Sound Regional Transit Authority
Address:	Rhonda Thomsen, Real Property Project Manager Real Property Division 401 S. Jackson Street Seattle, WA 98104
Email address:	rhonda.thomsen@soundtransit.org
Phone:	206-398-5455
Staff reports, City Council meeting agendas, and the notice of final decision should be provided by (check one):	<input type="checkbox"/> Email <input type="checkbox"/> Mail <input type="checkbox"/> Both

Vacation Information

Legal description of street, alley, or public easement to be vacated (attached separately if needed):	See Exhibit "A," attached
---	---------------------------

Tax parcel number(s):	There is no tax parcel assigned to the subject property. Abutting Tax Parcel Nos: 122505-9193, 122505-9183, and 122505-TRCT
-----------------------	--

Does the street, alley, public easement or part thereof abut any body of water (check one):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>If yes, please describe:</i>	

Will the vacation result in any parcel of land being denied direct access (check one)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Assessor's Tax Parcel Nos.: 122505-9042, 122505-9187, 122505-9183, and 122505-TRCT, 122505-9260 and 122505-9101
<i>If yes, please identify which parcel(s) and explain continuous maintenance of access:</i>		Sound Transit will acquire property for a relocated NE 70th Street and a new 173rd Avenue NE, which will be transferred to the City at the end of construction. Simultaneous with this vacation, Sound Transit will grant temporary rights of public access so the existing NE 70th Street alignment can continue to be used for property access during the construction period. These temporary rights will remain in effect until new access rights are created in the new 70th Street alignment.

How is the vacation in the public interest?	Petitioners are requesting the vacation of a portion of NE 70th Street to clear the way for construction of Sound Transit's Downtown Redmond Link Extension (DRLE). Vacation of the property to allow for expansion of the light rail system is consistent with the transit needs of the region. Utilizing former road right-of-way for transit is a transportation purpose and consistent with road right-of-way uses. Vacation of the property will be compensated by the creation of a relocated road right-of-way for public use.
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Size of street, alley, public easement, or part thereof to be vacated, in square feet:	12,721 square feet
--	--------------------

Petition to Vacate a Street, Alley, or Public Easement

We, the owners of two-thirds of the real property abutting the street, alley, or part thereof, or underlying the public easement, or part thereof, legally described on page 1 of this Petition (or attached), petition the City Council of the City of Redmond, Washington to vacate this street, alley, public easement, or part thereof.

Name	Address	Legal description
Central Puget Sound Regional Transit Authority	17520 NE 70TH ST REDMOND, WA 98052	APN 122505-9193. That portion of the south half of the northeast quarter of Section 12, Township 25 North, Range 5 East, W.M., in King County, Washington, lying south of the south line of the Northern Pacific Railroad Company right of way; Except that portion lying northwesterly of the southeasterly margin of State Highway SR 520 as condemned in King County Superior Court Cause No 757133.
By: _____		

(Print Name)		
Its: _____		

EXHIBIT A

PARTIAL STREET VACATION ①

NE 70TH STREET
RL-167

BEING A PORTION OF NE 70TH STREET (30.00 FEET WIDE) LYING WITHIN THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 25 NORTH, RANGE 5 EAST, W.M. IN KING COUNTY, WASHINGTON AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SECTION 12, FROM WHICH POINT THE CALCULATED CENTER OF SECTION 12 BEARS NORTH 88°35'20" WEST, 2648.62 FEET; THENCE ALONG THE NORTH LINE OF THE SOUTHEAST QUARTER OF SECTION 12, NORTH 88°35'20" WEST, 1718.70 FEET TO A POINT ON THE NORTH RIGHT OF WAY LINE OF NE 70TH STREET AND **THE TRUE POINT OF BEGINNING**;

THENCE CONTINUING ALONG SAID NORTH QUARTER SECTION LINE AND SAID NORTH LINE OF NE 70TH STREET, NORTH 88°35'20" WEST, 479.65 FEET TO A POINT ON THE EAST LINE OF A PORTION OF NE 70TH STREET CURRENTLY OR FORMERLY OWNED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION;

THENCE ALONG THE EAST AND SOUTH LINES OF SAID WASHINGTON STATE DEPARTMENT OF TRANSPORTATION OWNED PORTION OF NE 70TH STREET;

SOUTH 27°44'30" EAST, 30.00 FEET;

THENCE SOUTH 62°15'30" WEST, 7.80 FEET TO A POINT ON THE SOUTH RIGHT OF WAY OF NE 70TH STREET;

THENCE ALONG SAID SOUTH RIGHT OF WAY LINE, SOUTH 88°35'20" EAST, 376.24 FEET;

THENCE NORTH 73°59'25" EAST, 100.20 FEET TO THE NORTH RIGHT OF WAY LINE OF NE 70TH STREET AND **THE TRUE POINT OF BEGINNING** OF THIS DESCRIPTION AND THERE TERMINATING.

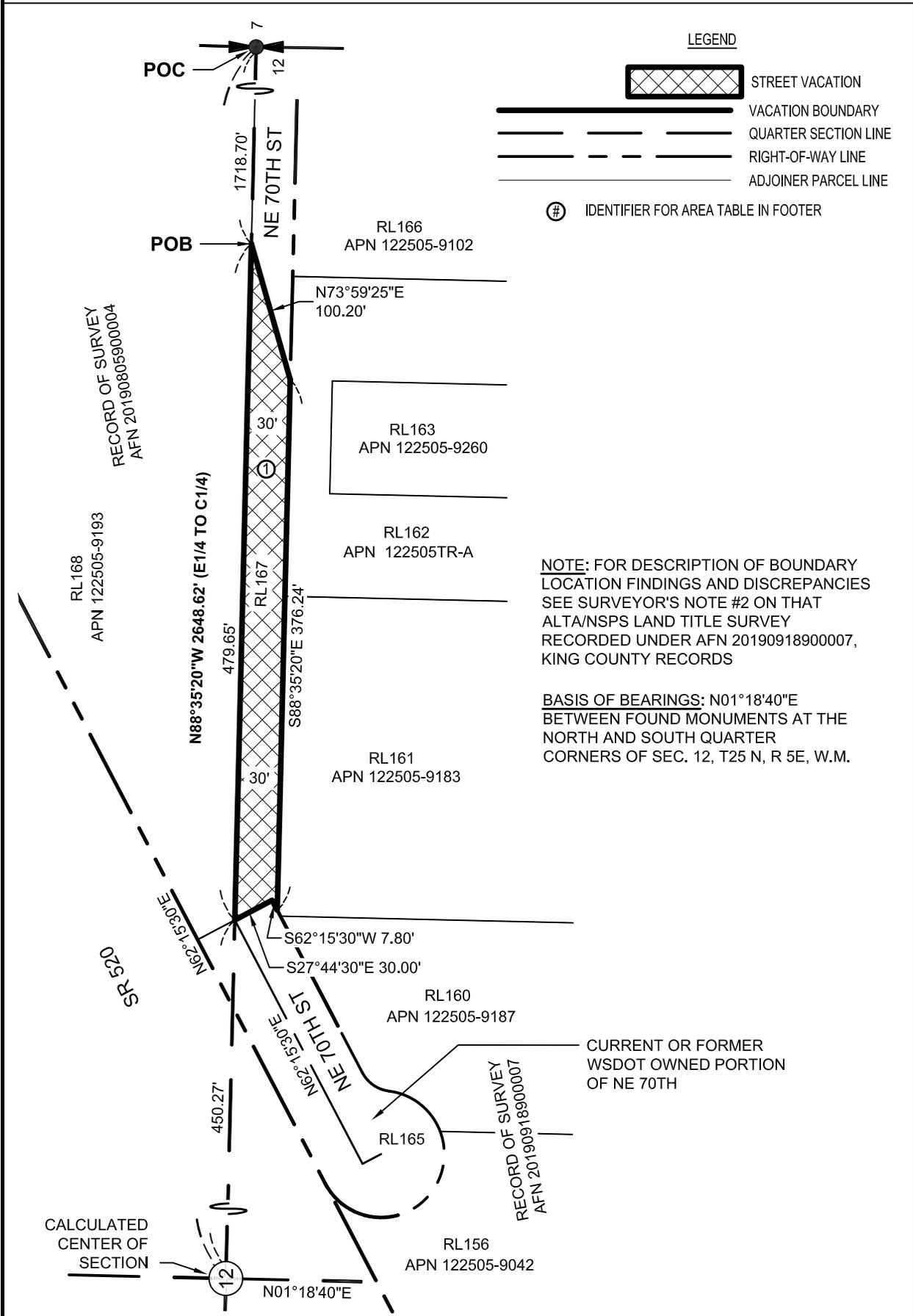
SITUATE IN THE CITY OF REDMOND, KING COUNTY, WASHINGTON.

AREA CONTAINS 12,721 SQUARE FEET, MORE OR LESS.



2-4-2020

EXHIBIT B
NE 70TH STREET- PARTIAL VACATION
NW 1/4 OF THE SE 1/4 OF SECTION 12, T 25 N, R 5 E, W.M.



NOTE: FOR DESCRIPTION OF BOUNDARY LOCATION FINDINGS AND DISCREPANCIES SEE SURVEYOR'S NOTE #2 ON THAT ALTA/NSPS LAND TITLE SURVEY RECORDED UNDER AFN 20190918900007, KING COUNTY RECORDS

BASIS OF BEARINGS: N01°18'40"E BETWEEN FOUND MONUMENTS AT THE NORTH AND SOUTH QUARTER CORNERS OF SEC. 12, T25 N, R 5E, W.M.

SOUNDTRANSIT
Parametrix

0 100'
 1" = 100'

PAGE 1 OF 1

2/4/2020

① NE 70TH STREET - PARTIAL VACATION : 12,721 SF

PARCEL MAP R/W NO. RL 167

DATE: 2/4/2020
 OWNER: CITY OF REDMOND
 CITY OF REDMOND KING COUNTY, WA

**CITY OF REDMOND
RESOLUTION NO. _____**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, SETTING FEBRUARY 16, 2021 AS THE DATE FOR A PUBLIC HEARING ON THE VACATION OF A PORTION OF NE 70TH STREET RIGHT-OF-WAY LYING WEST OF 176TH AVENUE NE AND EAST OF THE WESTERN TERMINUS OF NE 70TH STREET

WHEREAS, a petition as shown in Exhibit A has been submitted requesting the vacation of a portion of NE 70th Street right-of-way lying west of 176th Avenue NE and east of the western terminus of NE 70th Street; and

WHEREAS, the petition was signed by owners of more than two-thirds of the properties abutting the portion of the right-of-way sought to be vacated; and

WHEREAS, pursuant to RCW 35.79.010 the Redmond City Council is required to set the date for public hearing on the requested vacation.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, HEREBY RESOLVES AS FOLLOWS:

Section 1. Hearing. Pursuant to RCW 35.79.010, a public hearing is hereby set before the Redmond City Council for February 16, 2021, at 7:00 pm., or as soon thereafter as the matter may be heard, in order to receive public testimony and consider the proposed vacation of a portion of NE 70th Street right-of-way lying

west of 176th Avenue NE and east of the western terminus of NE 70th Street, as legally described and depicted in Exhibit A, attached hereto and incorporated herein by this reference as if fully set forth. Due to the Governor's Order and phased reopening within King County, Redmond City Hall is closed and the hearing will be held remotely due to the ongoing COVID-19 public health emergency. Instructions for how to participate will be posted on the City's website and in the hearing notice described in Section 2. If the Governor's Order is lifted, City Hall Council Chambers will be open to the public for the hearing.

Section 2. Notice. The City Clerk is hereby directed to post written notice of the hearing in three of the most public places in the City and a conspicuous place upon the area proposed for vacation. Such notice shall be posted at least twenty (20) days in advance of the hearing. The notice shall contain a statement that a petition has been filed to vacate that portion of NE 70th Street right-of-way lying west of 176th Avenue NE and east of the western terminus of NE 70th Street. The notice shall also contain a statement of the time and place fixed for hearing.

ADOPTED by the Redmond City Council this 19th day of January, 2021.

CITY OF REDMOND

ANGELA BIRNEY, MAYOR

ATTEST:

CHERYL XANTHOS, MMC, CITY CLERK

(SEAL)

FILED WITH THE CITY CLERK:
PASSED BY THE CITY COUNCIL:
RESOLUTION NO.

EXHIBIT A

PARTIAL STREET VACATION ①

NE 70TH STREET
RL-167

BEING A PORTION OF NE 70TH STREET (30.00 FEET WIDE) LYING WITHIN THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 25 NORTH, RANGE 5 EAST, W.M. IN KING COUNTY, WASHINGTON AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SECTION 12, FROM WHICH POINT THE CALCULATED CENTER OF SECTION 12 BEARS NORTH 88°35'20" WEST, 2648.62 FEET; THENCE ALONG THE NORTH LINE OF THE SOUTHEAST QUARTER OF SECTION 12, NORTH 88°35'20" WEST, 1718.70 FEET TO A POINT ON THE NORTH RIGHT OF WAY LINE OF NE 70TH STREET AND **THE TRUE POINT OF BEGINNING**;

THENCE CONTINUING ALONG SAID NORTH QUARTER SECTION LINE AND SAID NORTH LINE OF NE 70TH STREET, NORTH 88°35'20" WEST, 479.65 FEET TO A POINT ON THE EAST LINE OF A PORTION OF NE 70TH STREET CURRENTLY OR FORMERLY OWNED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION;

THENCE ALONG THE EAST AND SOUTH LINES OF SAID WASHINGTON STATE DEPARTMENT OF TRANSPORTATION OWNED PORTION OF NE 70TH STREET;

SOUTH 27°44'30" EAST, 30.00 FEET;

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SITUATE IN THE CITY OF REDMOND, KING COUNTY, WASHINGTON.

AREA CONTAINS 12,721 SQUARE FEET, MORE OR LESS.



2-4-2020



Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-013
Type: Consent Item

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

Public Works	Dave Juarez	425-556-2733
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DEPARTMENT STAFF:

Public Works	Mike Haley	Senior Project Manager
Public Works	Steve Hitch	Engineering Supervisor

TITLE:

Acceptance of Construction of the Wastewater Pump Station No. 3 Replacement, City Project No. 20020914, with McClure and Sons, Inc. of Mill Creek, Washington, in the Amount of \$3,686,528.73

OVERVIEW STATEMENT:

Construction of Wastewater Pump Station No. 3 replaced the pump station that was at the end of its useful life.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

Receive Information Provide Direction Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
CIP
- **Required:**
Council approval is required to accept a construction contract over \$300,000 per 2018 City Resolution 1503.
- **Council Request:**
N/A
- **Other Key Facts:**
N/A

OUTCOMES:

The new station ensures continuation of sanitary sewer service to the Viewpoint neighborhood that was served by the existing station and improves protection of public health, safety and the adjacent sensitive area.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
N/A
- **Outreach Methods and Results:**
Adjacent property owners were contacted prior to construction, to communicate project impacts and timeline and to negotiate easements as required. The general public was informed with a sign at the project site and information was posted to the City project website.
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:
\$6,030,000

Approved in current biennial budget: Yes No N/A

Budget Offer Number:
00167 (2019-2020 Budget)

Budget Priority:
Infrastructure (2019-2020 Budget)

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

If yes, explain:
N/A

Funding source(s):
Wastewater CIP

Budget/Funding Constraints:
N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
1/15/2019	Business Meeting	Approve

Proposed Upcoming Contact(s)

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

Time Constraints:

Warranty start date is based on Council acceptance.

ANTICIPATED RESULT IF NOT APPROVED:

Delay in Warranty start and increased project cost due to longer close out.

ATTACHMENTS:

Attachment A: Accept WWPS 03

Project Purpose

This project rebuilt the aging wastewater pumping station No. 3. The reconstruction of this station ensures continuation of sanitary sewer service to the Viewpoint neighborhood served by the existing station and improves protection of public health, safety and the adjacent sensitive area.

Background

Wastewater Pump Station No. 3 is located on the southern end of Idylwood Park. Originally built in 1969, this pump station is a subterranean wet well/dry well system that is adjacent to a stream, lake and single-family homes. The pump station collects flow from wastewater pump stations 1,2 and 4 and discharges to the King County Metro Lake Hills collector sewer. The station was nearing the end of its useful life and in need of extensive rehabilitation. The old pump station was difficult to clean safely, had experienced a failing telemetry system, failing pumps and utilized an old, unreliable, and noisy generator.

Project Description

The Wastewater Pump Station No. 3 Replacement is a new subterranean pump station structure located adjacent to and somewhat north of the old station. This allowed for the construction of a new station that is shallower in depth and kept the old station in service while the new station was built.

Fiscal: Estimated costs for the project are shown below.

Approved Project Budget (2019-2020 CIP):

Wastewater Fund	<u>\$6,866,000</u>
Total Funding	\$6,866,000

Estimated Project Costs:

Design Phase	\$1,287,000
Right-of-Way	\$2,000
Construction Contract Actual*	\$3,686,529
Construction Management	<u>\$1,030,000</u>
Total Estimated Project Cost	\$6,005,529

Budget Difference	\$860,471
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*Note: contract award amount was \$3,694,895



Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-014
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	Nicole Bruce	Sr Human Resources Analyst/Benefits Plan Administrator
-----------------	--------------	--

TITLE:

Approval of Flexible Spending Account (FSA) Plan Changes in Response to the Consolidated Appropriations Act

OVERVIEW STATEMENT:

Approve the recommended changes in Attachment A to the Flexible Spending Account Plan that are made allowable under the Consolidated Appropriations Act (CAA); and authorize and direct the Mayor to implement these changes including the execution of any contracts and agreements to do so.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

Receive Information Provide Direction Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
The FSA Plan Document will need to be amended.
- **Required:**
The City of Redmond Personnel Manual, Section 1.40, requires Council approval of changes in the medical plan that increase benefits to employees.
- **Council Request:**
N/A
- **Other Key Facts:**
The third-party administrator (Navia) is requiring notification of our decision on what provisions we wish to implement by January 20, 2021.

OUTCOMES:

The President signed the Consolidated Appropriations Act (CAA) on December 27, 2020, which contains several FSA-related relief provisions for participants. The provisions are intended to help employees access unused FSA balances to health care and/or day care FSA from 2020 and 2021, and who were unable to utilize eligible services or care during the COVID outbreak. While the relief provisions listed on Attachment A are optional, Navia is recommending that employers adopt these provisions to provide maximum relief to FSA plan participants. Human Resources agrees with Navia's recommendations.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
The Employee Benefits Advisory Committee (EBAC) was emailed on 1/6/2021 and feedback was requested.
- **Outreach Methods and Results:**
EBAC meetings are typically held on a monthly basis, but email was used as this timeline has been compressed due to the passing of the law (12/27/2020) and when decisions are required by Navia (1/20/2021).
- **Feedback Summary:**
Feedback from this outreach occurred through an online vote on recommendations. This vote occurred on January 13, 2021 and the resulting recommendations are included on Attachment A.

BUDGET IMPACT:

Total Cost:
N/A

Approved in current biennial budget: Yes No N/A

Budget Offer Number:
N/A

Budget Priority:
Responsible Government

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

If yes, explain:

The plan changes are anticipated to be cost-neutral as they are employee only contributions.

Funding source(s):
Medical Self-Insurance Fund (511)

Budget/Funding Constraints:
N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
1/12/2021	Committee of the Whole - Planning and Public Works	Provide Direction

Proposed Upcoming Contact(s)

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

Time Constraints:

In order for Plan Changes to be implemented we must make our plan selections by January 20, 2021 so that Navia can properly calculate and display FSA carryover balances to participants by January 25, 2021.

ANTICIPATED RESULT IF NOT APPROVED:

We would not be able to provide FSA-related relief for employees as allowable under the Consolidated Appropriations Act.

ATTACHMENTS:

Attachment A: Recommended Changes to the FSA Plan

**Summary of Benefit Recommendations/Modifications
Proposed for Flexible Spending Account Plan**

Source	Type of Change	Effective Date	Description	Purpose	Cost Impact	EBAC Recommendation	HR Recommendation
Gallagher/Navia - Legal Change	Legal Change	Applies to plan years ending 2020 & 2021.	Unrestricted Carryover of unused FSA funds through 2022. This would eliminate the \$550 carryover maximum.	This legal change is temporarily allowable per the Consolidated Appropriations Act. The provisions are intended to help employees access unused FSA balances who made decisions to participate and contribute to a health care or day care FSA prior to 2020, but have been unable to utilize eligible services or care during COVID outbreak.	No actuarial impact.	Yes	Yes
Gallagher/Navia - Legal Change	Legal Change	Applies to plan years ending 2020 & 2021.	Allowances for Terminated Employees	This legal change is temporarily allowable per the Consolidated Appropriations Act. Health FSA participants who terminate their employment during the 2020 or 2021 plan year can spend down their unused balances for expenses incurred through the end of the plan year in which the termination occurred as opposed to the last day of the month following their separation date.	No actuarial impact.	Yes	Yes
Gallagher/Navia - Legal Change	Legal Change	Applies to plan year ending in 2021.	Election Changes without Qualifying Status Events	This legal change is temporarily allowable per the Consolidated Appropriations Act. Employers can permit prospective changes in election amounts for health and dependent care FSAs for plan years ending in 2021 without a corresponding change in status event.	No actuarial impact.	Yes	Yes



Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-015
Type: Consent Item

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

Human Resources	Cathryn Laird	425-556-2125
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DEPARTMENT STAFF:

Human Resources	Kristy Hulverson	Human Resources Deputy Director
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TITLE:

Confirmation of the Appointment of Adrian Sheppard to Serve as Redmond’s Fire Chief

OVERVIEW STATEMENT:

The City has made an offer of employment to Adrian Sheppard as the City’s Fire Chief. This offer is contingent on confirmation of his appointment by the City Council.

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:

Mr. Sheppard provides the experience and leadership capability needed for the Fire Chief role. His background and skills will make him an asset to the department, the City’s leadership team, and the community in general.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
 - Executive search firm, Bob Murray and Associates, was retained to assist with the recruitment for Fire Chief in August 2020; engagement of Bob Murray and Associates announced to Council, City Staff and Fire Department on August 25, 2020;
 - Recruitment was opened on October 1, 2020;
 - Top candidates reviewed by Mayor, Chief Operating Officer, Police Chief, HR Director, Finance Director and TIS Director on November 24, 2020;
 - Four first round interview panels were conducted with City Directors, Professional Staff, Community representatives and other City Staff on December 8, 2020;
 - Second round interviews and employee forums were conducted on December 9, 2020;
 - Background and reference checks began on December 14, 2020, and results received January 7, 2021;
 - Verbal offer extended January 6, 2021;
 - Confirmation appointment by Council scheduled for January 19, 2021
- **Outreach Methods and Results:**

To develop the job brochure, the consultant solicited feedback from various stakeholders such as the IAFF union and Fire District 34 Commission. In addition to advertising, the consultant contacted other fire departments and actively recruited for diverse and qualified candidates, which resulted in 27 applications. The City interviewed six candidates initially and identified three top candidates to move forward to second round interviews.
- **Feedback Summary:**

Mr. Sheppard displayed the characteristics and traits that are required of a Fire Chief. The process found him to be an excellent candidate and a valuable addition to the Redmond Fire Department, and the City's leadership team. His references highly recommend him.

BUDGET IMPACT:

Total Cost:

Funding for this position is included in the adopted 2021-2022 City Budget.

Approved in current biennial budget: Yes No N/A

Budget Offer Number:

221, 227, and 229

Budget Priority:

Safe and Resilient

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
1/19/2021	Special Meeting	Receive Information

Time Constraints:

The anticipated start date of Adrian Sheppard is February 1, 2021.

ANTICIPATED RESULT IF NOT APPROVED:

The Fire Chief position would remain unfilled. A delay in the appointment of a Fire Chief would result in continued use of an Interim Chief/Director appointment.

ATTACHMENTS:

N/A



Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-016
Type: Staff Report

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

Parks	Carrie Hite	425 556-2326
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DEPARTMENT STAFF:

Parks	Jeff Aken	Senior Park Planner
Parks	Lee Ann Skipton	Facilities Manager

TITLE:
Draft ADA Facilities Transition Plan

OVERVIEW STATEMENT:
Present the Final ADA Transition Plan for City owned and operated facilities including priorities and phases.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

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

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
A Citywide ADA compliance plan is called out in the Community Strategic Plan, the PARCC plan and the Comprehensive Plan
- **Required:**
Under Title II of the Americans with Disabilities Act, the City of Redmond is required to have a transition plan in place that identifies accessibility gaps in existing facilities and services and how those will be addressed.
- **Council Request:**
N/A
- **Other Key Facts:**
The City is continuing to improve accessibility for people of all ages and abilities and approval of the ADA Facilities Transition Plan will help prioritize these improvements.

OUTCOMES:

The Draft ADA Transition Plan for Facilities identifies all facility aspects that are out of compliance, how to bring them into compliance and a prioritization and phasing plan to address the most important issues first. This ensures that the City will be making the most important fixes that improve access in a timely manner.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
The Draft Transition Plan was completed by the consultant in early June of 2020. Reviews were held by:
 - Interdepartmental team on June 4, 2020
 - An external group of community stakeholders on July 22, 2020
 - City Council Study Session on September 8, 2020
 - Let’s Connect Survey: Live from September 1-October 31, 2020
- **Outreach Methods and Results:**
Project webpage
Let’s Connect
Direct emails to interested parties
Shared with advocacy groups
- **Feedback Summary:**
The one requested change was making restroom facilities a higher priority. The draft approach is to tackle main issues at one location, so this would be addressed.

BUDGET IMPACT:

Total Cost:

A total of \$150,000 was appropriated in the 2019-2020 budget for a consultant to perform the ADA Access audits and draft Transition Plan.

Approved in current biennial budget: Yes No N/A

Budget Offer Number:

000064

Budget Priority:

Infrastructure

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

If yes, explain:

Future costs will be programmed in the biennial budget to correct deficiencies

Funding source(s):

CIP

Budget/Funding Constraints:

N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
1/5/2021	Committee of the Whole - Parks and Human Services	Provide Direction
9/8/2020	Study Session	Provide Direction
4/28/2020	Study Session	Receive Information
10/1/2019	Business Meeting	Approve

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
2/2/2021	Business Meeting	Approve

Time Constraints:

N/A.

ANTICIPATED RESULT IF NOT APPROVED:

An approved Transition Plan is required by Title II of the Americans with Disabilities Act.

ATTACHMENTS:

Attachment A: Draft Facilities ADA Transition Plan

Attachment B: ADA Transition Plan Presentation

ADA TITLE II TRANSITION PLAN

prepared for

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



PREPARED BY:

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EMG PROJECT #:

139332.19R000-00A.206

DATE OF REPORT:

May 7, 2020

ADA TITLE II TRANSITION PLAN
FOR
CITY OF REDMOND – TRANSITION PLAN
15670 NORTHEAST 85TH STREET
REDMOND, WASHINGTON 98052

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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

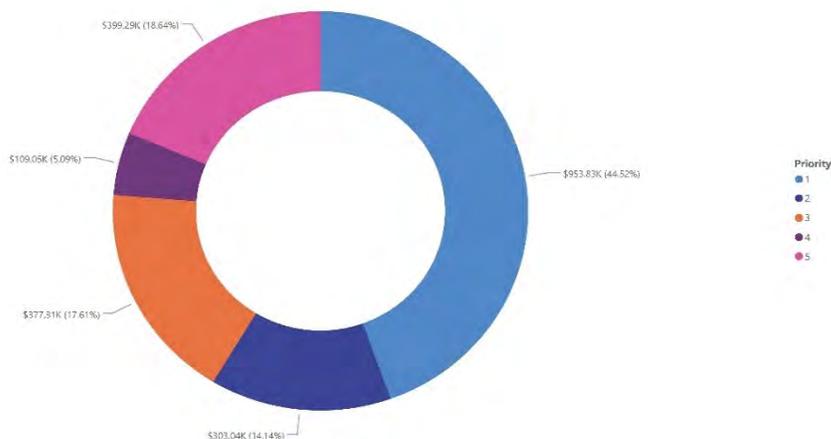
An accessibility survey was completed of 23 facilities. The surveyors inventoried and evaluated each of the fire station buildings, police station buildings, public works facilities, and other public access areas. The objective of the survey is to identify any accessibility barriers to be documented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

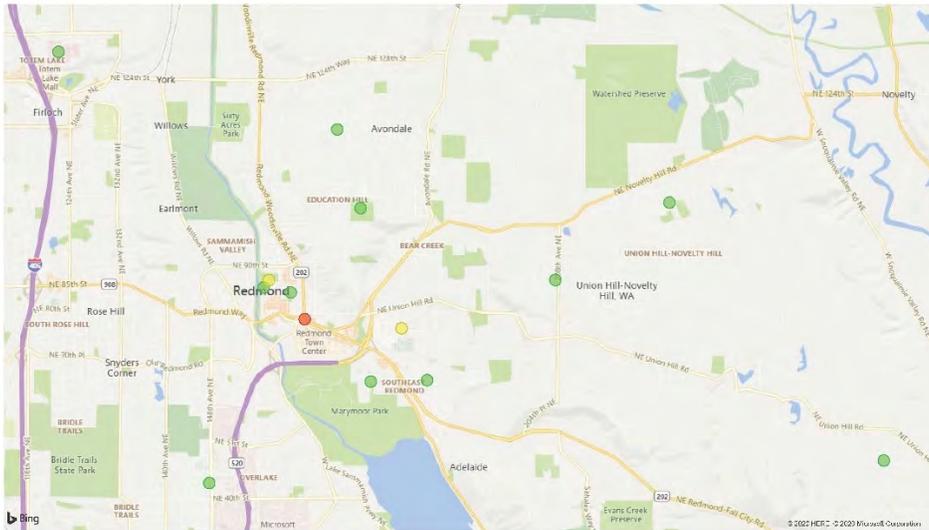
The City of Redmond provides police and fire protection services, emergency medical services, disaster preparedness, planning and zoning, street maintenance and construction, and parks and recreation, in addition to general administrative services.

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.



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

AMENITY SUMMARY	
FACILITY	AMENITIES
Redmond Community Center	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	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

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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.

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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.

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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.

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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.

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- 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.

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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.

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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.

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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.

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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.

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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.

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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, Redmond Community Center, 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.

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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).

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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	\$1,300	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	\$9,480	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	\$37,182	11									\$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
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	\$90,046	26	\$14,260	26	\$30,644	20	\$4,071	2	\$5,268	7	\$144,288	81
Trinity Building	\$101,007	19	\$4,862	10	\$17,308	31	\$6,684	4			\$129,860	65
Grand Total	\$953,831	429	\$303,033	178	\$377,311	382	\$109,047	53	\$399,290	207	\$2,142,513	1251

For the accessibility barriers of individual facilities, see Appendix A.

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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, Redmond Community Center, 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
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.

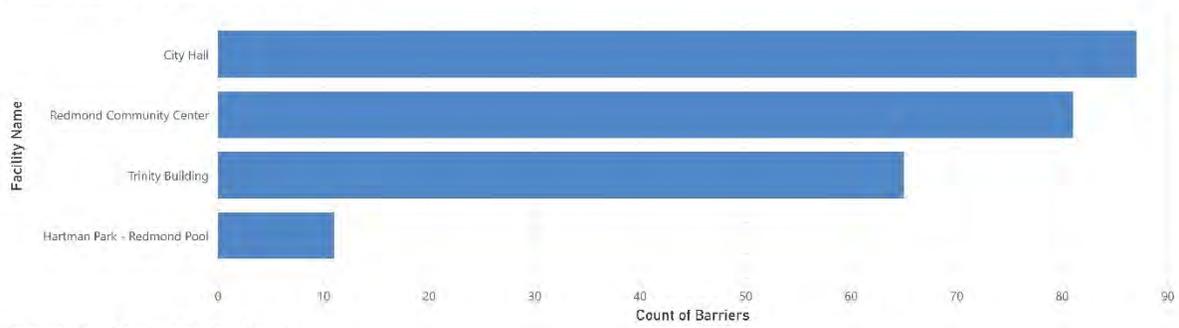
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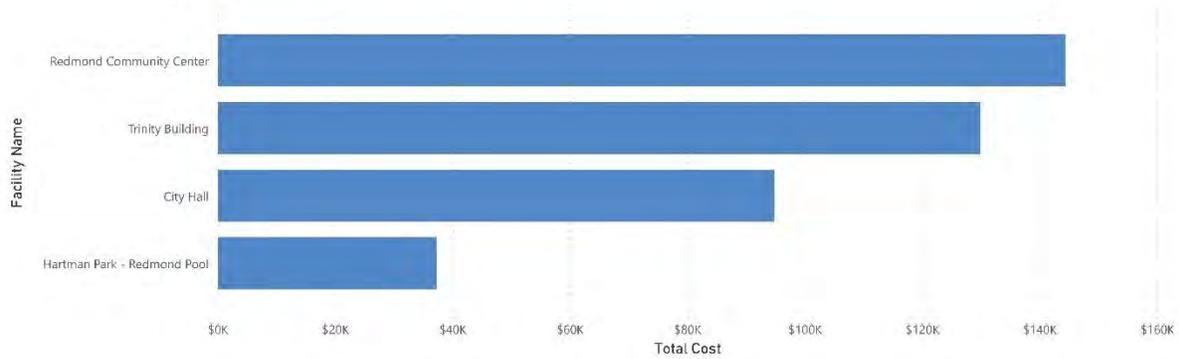
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Phase One

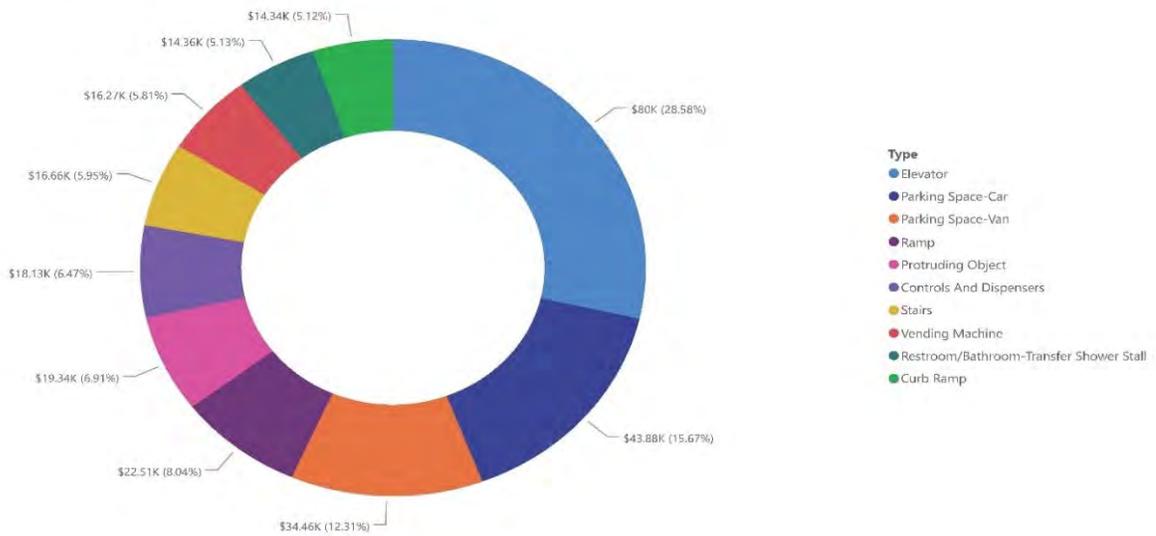
Phase 1: Number of Barriers By Facility



Phase 1: Total Cost by Facility Name



Phase 1: Total Cost by Barrier Type



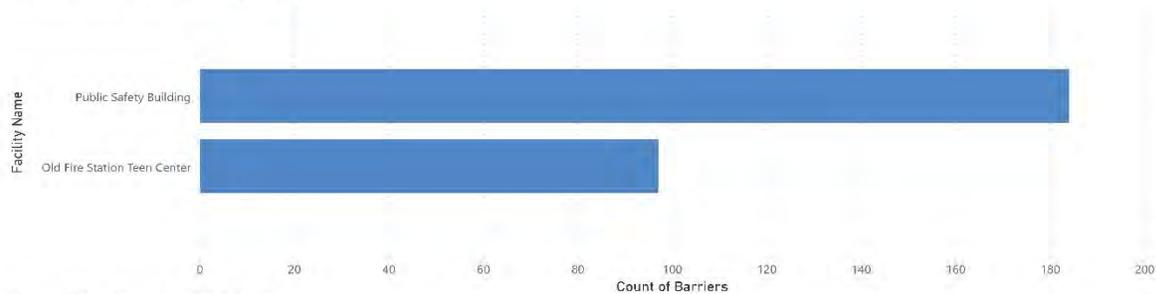
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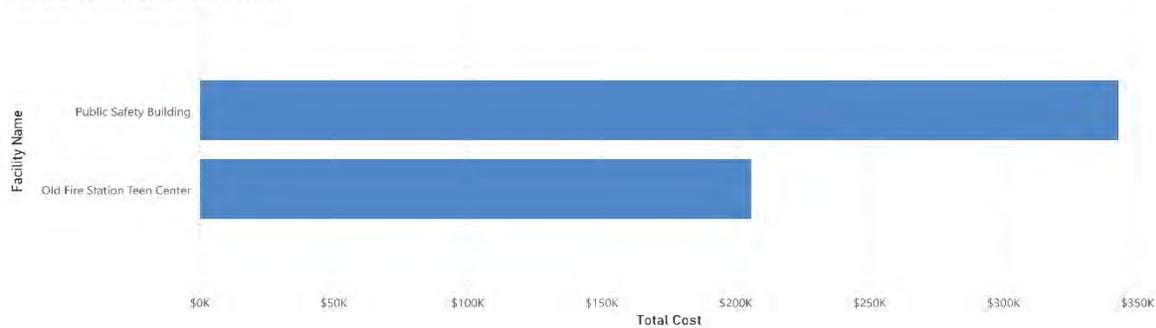
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Phase Two

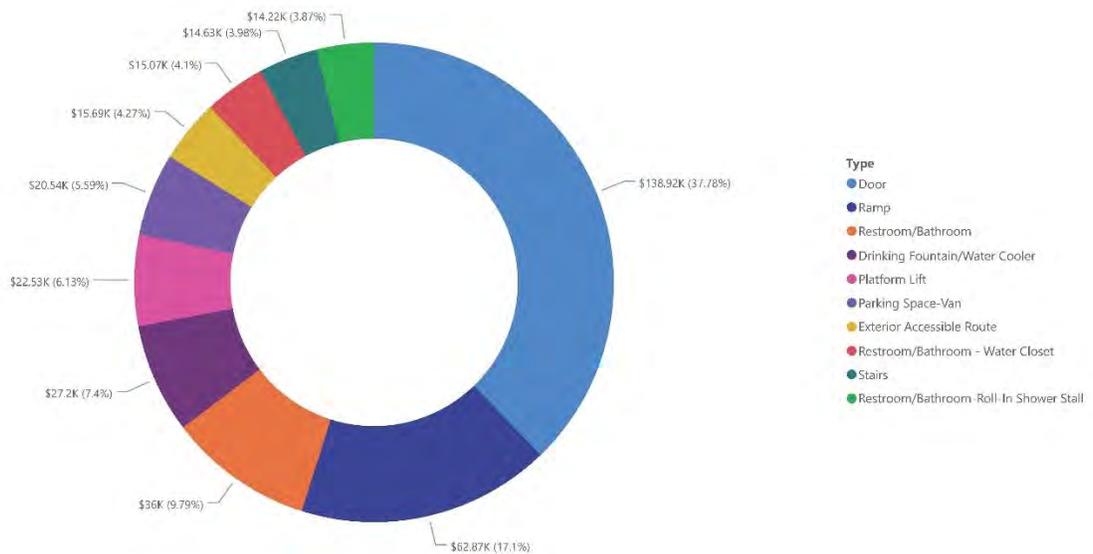
Phase 2: Number of Barriers By Facility



Phase 2: Total Cost by Facility Name



Phase 2: Total Cost by Barrier Type



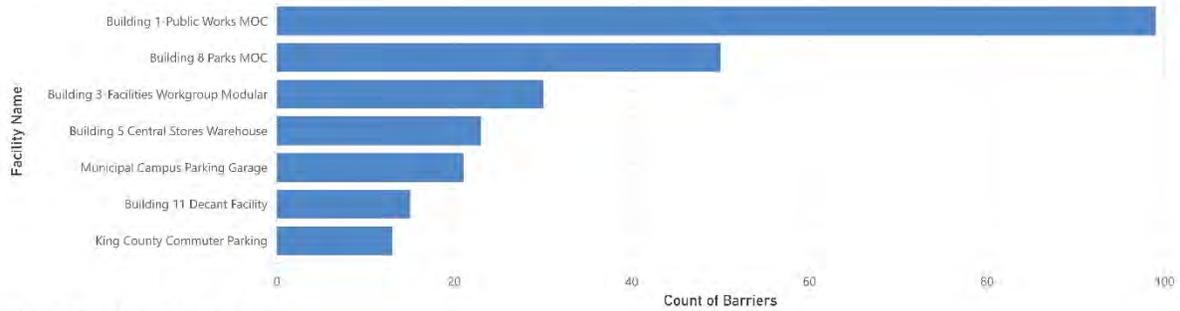
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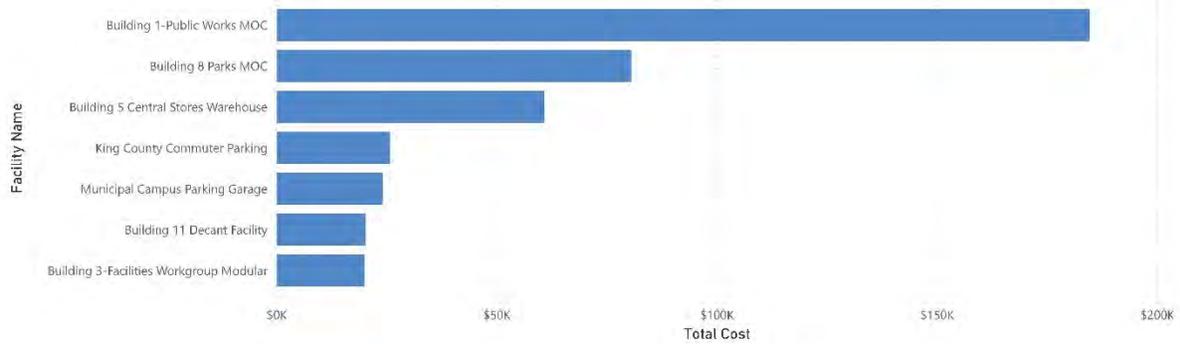
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Phase Three

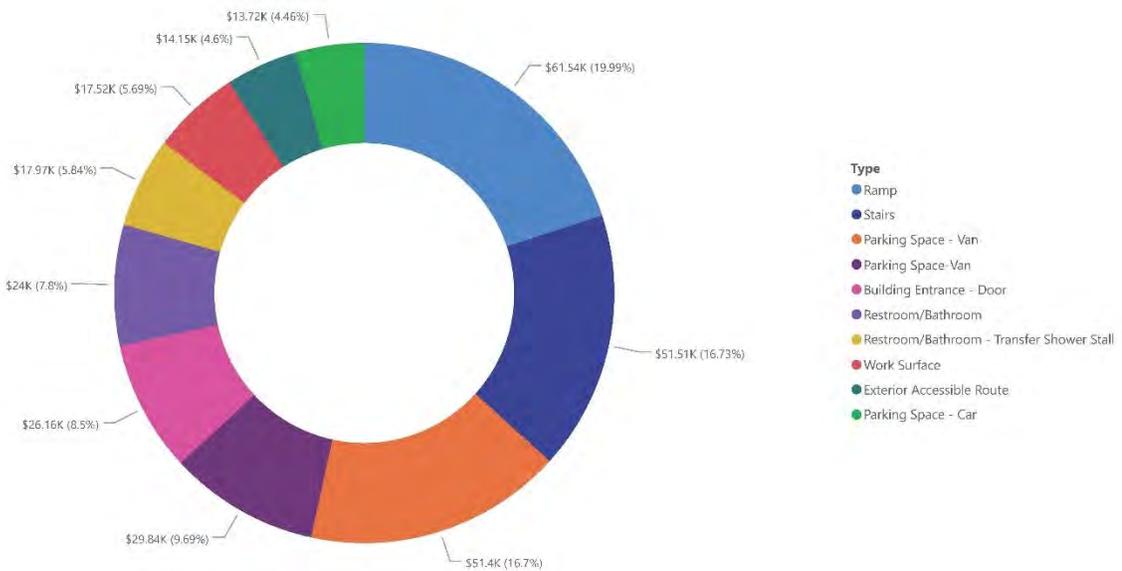
Phase 3: Number of Barriers By Facility



Phase 3: Total Cost by Facility Name



Phase 3: Total Cost by Barrier Type



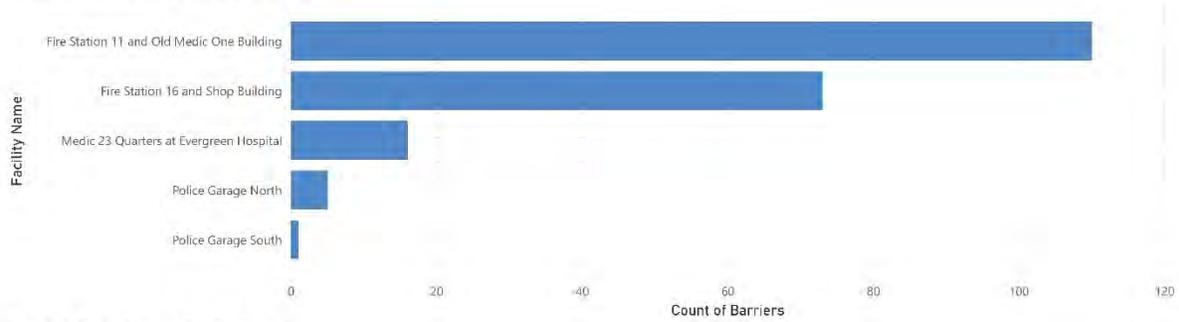
ADA TITLE II TRANSITION PLAN

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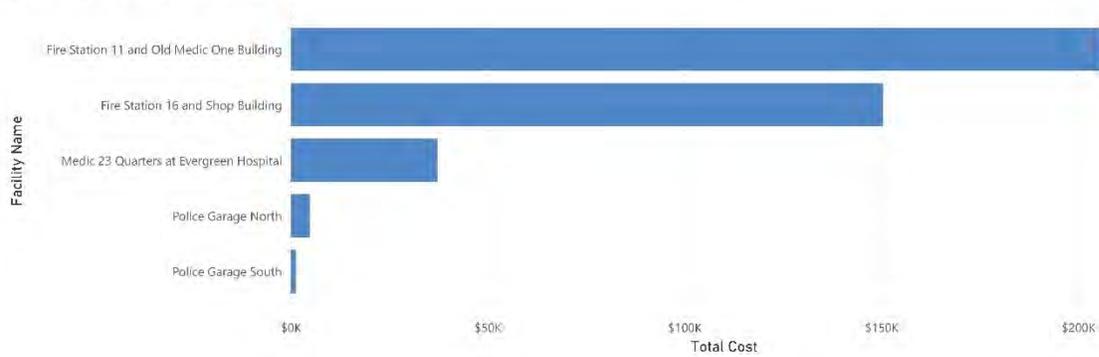
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Phase Four

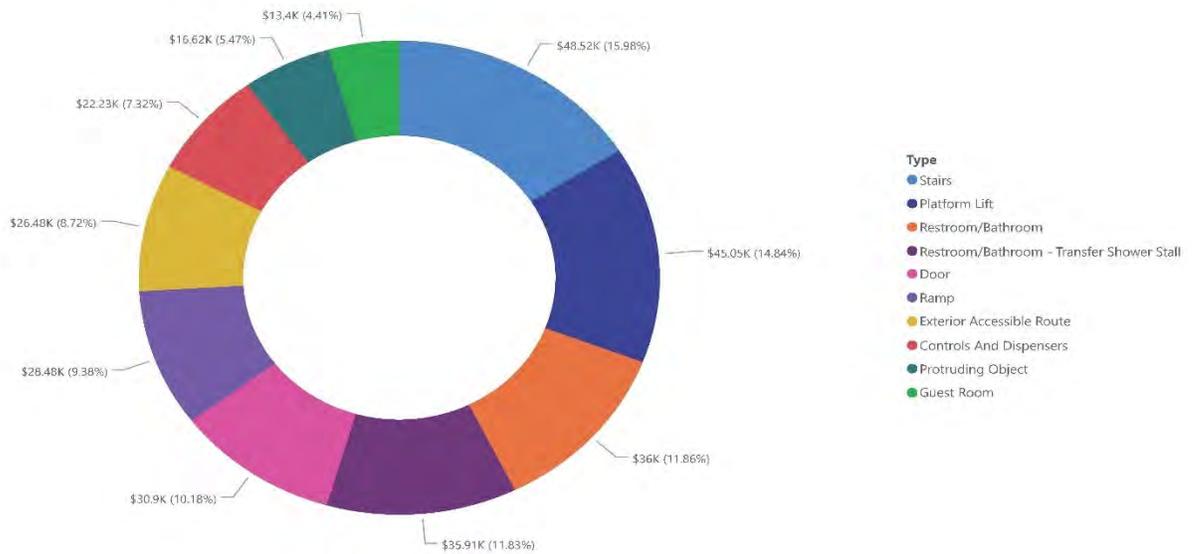
Phase 4: Number of Barriers By Facility



Phase 4: Total Cost by Facility Name



Phase 4: Total Cost by Barrier Type



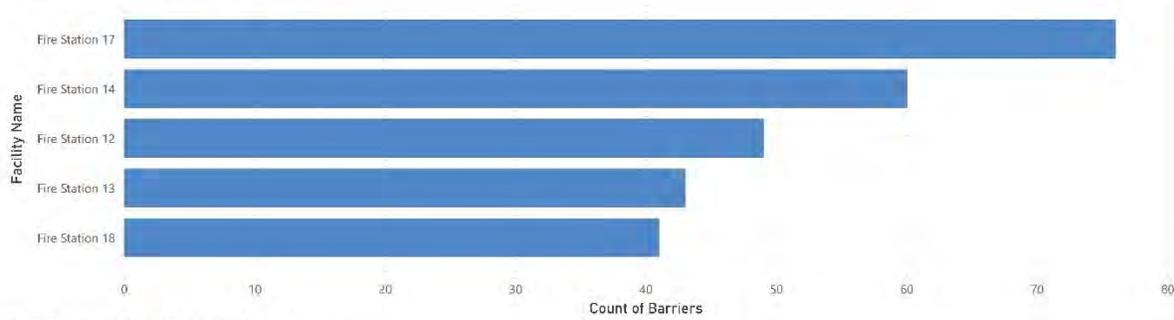
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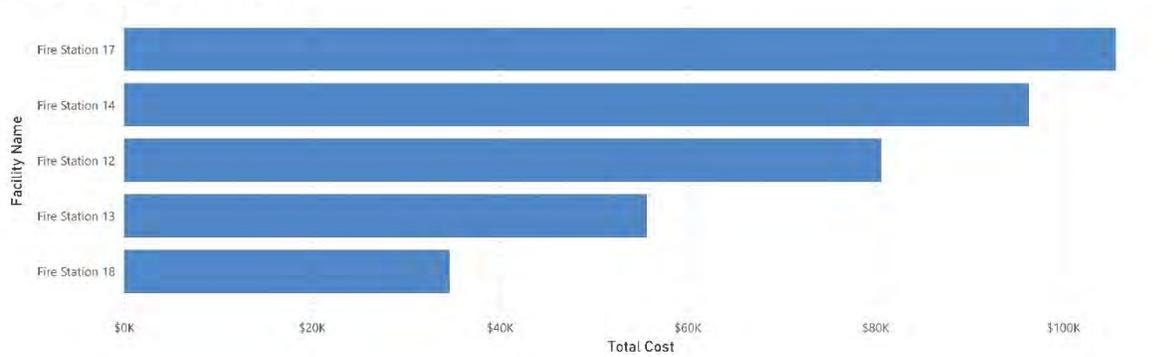
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Phase Five

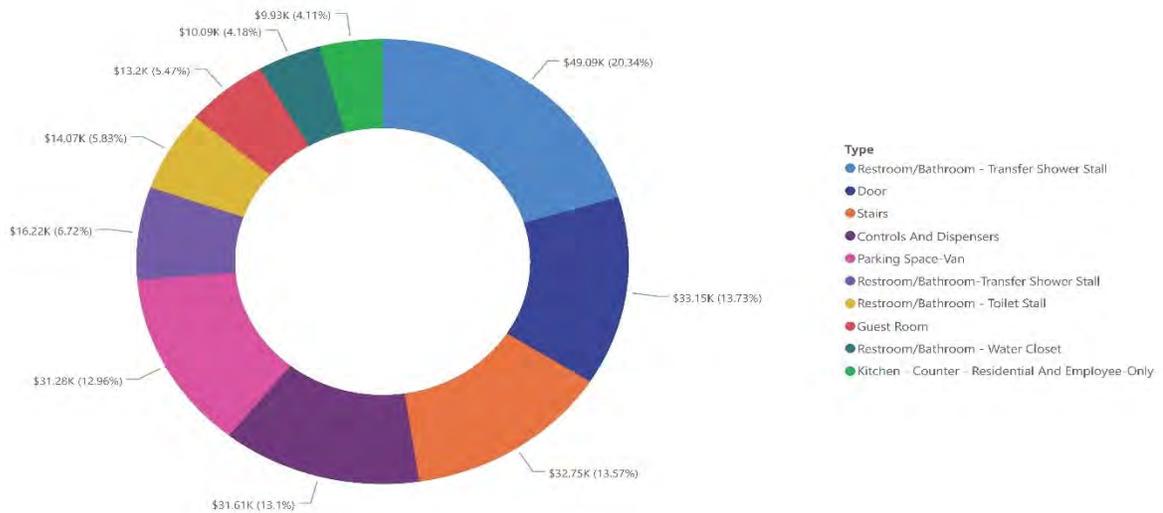
Phase 5: Number of Barriers By Facility



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.

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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.

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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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Tracy W. Trisko

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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

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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					
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					
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	<p>The maneuvering clearance at the accessible door is not level and clear.</p> <p>Building 1 Main Entrance Door</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/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	\$ 1,250
202484	Building 1-Public Works MOC / 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.</p> <p>Building 1 Main Entrance Door</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
202485	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>Building 1 Main Entrance 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
201058	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	<p>A curb ramp is not provided where the accessible route crosses a curb.</p> <p>Curb Ramp CR1</p> <p>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.</p>	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 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 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 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 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 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 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					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201095	Building 1-Public Works MOC / EXTERIOR	Site Furnishings	<p>A trash receptacle is not located on an accessible route and within reach range.</p> <p>North Elevation Trash Receptacles</p> <p>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.</p>	2	\$ 2,000
201051	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 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.</p>	1	\$ 5,000
201052	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	<p>WASHINGTON: Signage is not located at the required height for the standard accessible space.</p> <p>Parking lot P1</p> <p>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.</p>	1	\$ 280
201054	Building 1-Public Works MOC / 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
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. 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. 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. 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	<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
201112	Building 1-Public Works MOC / INTERIOR	Restroom	<p>Pipes are not insulated.</p> <p>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
201113	Building 1-Public Works MOC / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>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
201114	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The rear grab bar in the wheelchair stall is not compliant.</p> <p>Women's Restroom</p> <p>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"].</p>	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.</p> <p>Access from public sidewalk to P1</p> <p>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.</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

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</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
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

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					
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					
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

BUILDING 1-PUBLIC WORKS MOC					
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

BUILDING 1-PUBLIC WORKS MOC					
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

BUILDING 1-PUBLIC WORKS MOC					
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

BUILDING 1-PUBLIC WORKS MOC					
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 1-PUBLIC WORKS MOC					
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 1-PUBLIC WORKS MOC					
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

BUILDING 1-PUBLIC WORKS MOC					
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					
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					
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					
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					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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
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 1-PUBLIC WORKS MOC					
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.]	3	\$ 1,124
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. 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					
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					
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

NG 8 PARKS MOC					
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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CITY HALL					
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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CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200182	City Hall / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range. 1st Floor Men's & Women's Locker Rooms</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
200167	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 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
200162	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. 1st Floor Men's & Women's Restroom</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
200165	City Hall / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st 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	\$ 710
200516	City Hall / INTERIOR	Restroom	<p>The hardware at the wheelchair stall door is not compliant. 1st 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> <p>The required clearance at the entry to the transfer stall is not provided. 1st Floor Men's Locker Room</p>	3	\$ 586
200183	City Hall / INTERIOR	Restroom	<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>	3	\$ 3,000
200166	City Hall / INTERIOR	Restroom	<p>WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor 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
200163	City Hall / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor 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 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	\$ 1,250
200164	City Hall / INTERIOR	Restroom	<p>The height of the water closet is not 17" minimum to 19" maximum above finished floor. 1st Floor Men's Restroom</p> <p>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"].</p>	3	\$ 630
200173	City Hall / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor 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	\$ 355

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CITY HALL					
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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CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200191	City Hall / INTERIOR	Restroom	<p>The hardware at the wheelchair stall door is not compliant. 2nd 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	\$ 586
200192	City Hall / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 2nd 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	\$ 710
200193	City Hall / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances. 2nd Floor Storage Room</p> <p>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.</p>	5	\$ 200
200187	City Hall / EXTERIOR	Entrance to Building	<p>The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace</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). 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.]</p>	1	\$ 179
200557	City Hall / EXTERIOR	Entrance to Building	<p>The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace</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
200202	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. 3rd 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 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.]</p>	2	\$ 605
200206	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. 3rd 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
200204	City Hall / INTERIOR	Common Areas	<p>Controls and/or dispensers are not within an allowable reach range. 3rd Floor Elevator Lobby Area</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	\$ 1,098
200195	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. 3rd Floor Elevator Lobby Area</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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CITY HALL					
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

CITY HALL					
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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CITY HALL					
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	\$ -

CITY HALL					
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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CITY HALL					
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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CITY HALL					
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. 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. 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.]</p>	2	\$ -
200221	City Hall / INTERIOR	Interior Access Route	<p>Handrails are not compliant or are provided. Stair 4 (ST4) 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. Stair 5 (ST5) 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>	1	\$ 815
200148	City Hall / EXTERIOR	Exterior Access Route	<p>Handrails are not compliant or are provided. Stair 5 (ST5) 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. Stair 6 (ST6) Council Chambers 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>	1	\$ 1,956
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. Stair 6 (ST6) Council Chambers 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	\$ -

CITY HALL					
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</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. 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	\$ 6,500
TOTAL ESTIMATED COST					\$ 94,703

FIRE STATION 11 AND OLD MEDIC ONE BUILDING					
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					
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					
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					
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					
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)</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. 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. 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. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 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)</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. 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. 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

FIRE STATION 11 AND OLD MEDIC ONE BUILDING					
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					
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.</p> <p>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.</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	\$ -
204181	Fire Station 12 / INTERIOR	Restroom	<p>Controls on dispensers are not compliant.</p> <p>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.</p> <p>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	<p>The height of controls are not compliant.</p> <p>Unisex 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 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.]</p>	5	\$ -
204203	Fire Station 12 / INTERIOR	Restroom	<p>Controls on dispensers are not compliant.</p> <p>Unisex Restroom</p> <p>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.</p>	5	\$ 200
204204	Fire Station 12 / INTERIOR	Restroom	<p>The water closet in a single user / unisex restroom does not have the required clearance.</p> <p>Unisex 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>	5	\$ 1,368
204205	Fire Station 12 / INTERIOR	Restroom	<p>Where provided, shelves are not located within 40" - 48" above the finished floor.</p> <p>Unisex Restroom</p> <p>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.</p>	5	\$ 200
204206	Fire Station 12 / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>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>	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	<p>The rear grab bar at the water closet is not compliant.</p> <p>Women'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>	5	\$ 355
204193	Fire Station 12 / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>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>	5	\$ 355
204194	Fire Station 12 / 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>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"].</p>	5	\$ 500
204195	Fire Station 12 / 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>	5	\$ 115
TOTAL ESTIMATED COST				5	\$ 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	<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 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.]</p>	5	\$ 728
200464	Fire Station 14 / INTERIOR	Employee Work Areas	<p>Controls throughout the common area are not compliant.</p> <p>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.</p>	1	\$ 225
200583	Fire Station 14 / INTERIOR	Interior Access Route	<p>Controls throughout the common area are not compliant.</p> <p>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.</p>	1	\$ 225
200584	Fire Station 14 / INTERIOR	Interior Access Route	<p>The height of controls throughout the common area are not compliant.</p> <p>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.</p>	1	-
200460	Fire Station 14 / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>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.</p>	1	\$ 1,250
200430	Fire Station 14 / 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)</p> <p>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.]</p>	2	\$ 165
200437	Fire Station 14 / INTERIOR	Common Areas	<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>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.]</p>	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	<p>The clear floor space at the urinal is less than minimum 30" by minimum 48".</p> <p>Men's Restroom</p> <p>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.]</p>	3	\$ 1,100
200449	Fire Station 14 / INTERIOR	Restroom	<p>A wheelchair stall is not provided in a multi-user restroom.</p> <p>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>	3	\$ 2,750
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

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
200444	Fire Station 14 / INTERIOR	Restroom	<p>A wheelchair stall is not provided in a multi-user restroom.</p> <p>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. 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.</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
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	<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.]</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	\$ 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
203329	Fire Station 17 / INTERIOR	Employee Work Areas	<p>The work surface is not compliant.</p> <p>Crew Office</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>	5	\$ 1,030
203325	Fire Station 17 / INTERIOR	Interior Access Route	<p>The existing signage is not mounted at the latch side of the door or at a compliant height.</p> <p>Crew Office and Police Offices</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>	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 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.</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	<p>Controls and/or dispensers are not within an allowable reach range.</p> <p>Kitchen</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	\$ 1,098
200509	Fire Station 18 / INTERIOR	Kitchen	<p>The height of the counter is greater than 34".</p> <p>Kitchen</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>	2	\$ 1,986
200510	Fire Station 18 / INTERIOR	Kitchen	<p>The kitchen sink does not have knee and toe clearance.</p> <p>Kitchen</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>	2	\$ 720
200511	Fire Station 18 / INTERIOR	Kitchen	<p>Items requiring a reach motion, but do not have an operable part, are not within compliant reach ranges.</p> <p>Kitchen</p> <p>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.]</p>	2	\$ 93
200512	Fire Station 18 / INTERIOR	Kitchen	<p>Controls throughout the common area are not compliant.</p> <p>Kitchen</p> <p>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.</p>	1	\$ 225
200889	Fire Station 18 / INTERIOR	Interior Access Route	<p>Controls throughout the common area are not compliant.</p> <p>Laundry Room</p> <p>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.</p>	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	<p>A wheelchair stall is not provided in a multi-user restroom.</p> <p>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>	3	\$ 2,750
200505	Fire Station 18 / INTERIOR	Restroom	<p>Pipes are not insulated.</p> <p>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
200471	Fire Station 18 / EXTERIOR	Accessible Parking	<p>WASHINGTON: Signage is not located at the required height for the van accessible space.</p> <p>Parking Lot 1</p> <p>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.</p>	1	\$ 280
200472	Fire Station 18 / EXTERIOR	Accessible Parking	<p>WASHINGTON: The van access aisle signage is not compliant or not provided.</p> <p>Parking Lot 1</p> <p>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%).</p>	1	\$ 280
200473	Fire Station 18 / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The curb ramp width is less than 44".</p> <p>Parking Lot 1 - Curb Ramp 1 (CR1)</p> <p>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.]</p>	1	\$ 1,750
200474	Fire Station 18 / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The slope of the curb ramp run is not compliant.</p> <p>Parking Lot 1 - Curb Ramp 1 (CR1)</p> <p>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".</p>	1	\$ -
200477	Fire Station 18 / EXTERIOR	Accessible Parking	<p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking Lot 2</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>	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	<p>The grab bars at the water closet are not compliant.</p> <p>Women's Restroom</p> <p>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.]</p> <p>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
200495	Fire Station 18 / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>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
200496	Fire Station 18 / 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
200497	Fire Station 18 / 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
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	<p>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.</p>	1	\$ 6,300
202251	King County Commuter Parking	Accessible Parking	<p>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.</p>	1	\$ 6,300
202252	King County Commuter Parking	Exterior Access Route	<p>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.</p>	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	<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>Front Hallway</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.]</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	\$ 5,439
197356	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>The space between two doors in a series is less than 48" clear with doors open 90 degrees.</p> <p>Front Office</p> <p>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.</p>	1	\$ 1,080
197358	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>The threshold at the accessible door is greater than 1/2" in height.</p> <p>Front Office - Rear Storage Room</p> <p>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.]</p>	1	\$ 179
197360	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>Game Room</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
197361	Old Fire Station Teen Center / INTERIOR	Common Areas	<p>The locker room does not have at least one of the shelves at 40" minimum and 48" maximum height.</p> <p>Game Room</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>	4	\$ 330
197373	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Game Room</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
199235	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>Controls throughout the common area are not compliant.</p> <p>Game Room</p> <p>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.</p>	1	\$ 225
197390	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	<p>The accessible route does not have 80" vertical clearance.</p> <p>Gate G-1</p> <p>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.</p>	1	\$ 200
197403	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	<p>The gate hardware is not compliant.</p> <p>Gate G-3</p> <p>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.]</p>	1	\$ 200
197413	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	<p>The gate maneuvering clearance area is not compliant.</p> <p>Gate G-4</p> <p>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.]</p>	1	\$ 568
197391	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	<p>The gate does not have a smooth surface within 10" of the ground.</p> <p>Gates G-1, G-2, G-3, G-4</p> <p>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.</p>	2	\$ 640

OLD FIRE STATION TEEN CENTER					
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

OLD FIRE STATION TEEN CENTER					
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

OLD FIRE STATION TEEN CENTER					
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

OLD FIRE STATION TEEN CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
197363	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>A platform lift is required but not provided.</p> <p>Recording Studio</p> <p>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.</p>	1	\$ 22,525
197364	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>Handrails are not compliant.</p> <p>Recording Studio</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	\$ 815
197353	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>The existing signage is not mounted at the latch side of the door or at a compliant height.</p> <p>Recording Studio</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>	2	\$ 55
197368	Old Fire Station Teen Center / 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>Recording Studio</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
197370	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Recording Studio</p> <p>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.</p>	1	\$ 250
197366	Old Fire Station Teen Center / INTERIOR	Common Areas	<p>The work surface height is not compliant. Knee and toe clearances are not provided.</p> <p>Recording Studio - Sound Booth</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	\$ 1,030
197367	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Recording Studio - Sound Booth Door</p> <p>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.</p>	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

OLD FIRE STATION TEEN CENTER					
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					
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					
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
202226	Police Garage South	Exterior Access Route	<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>	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	<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>Corridor 287</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
201332	Public Safety Building / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The slope of the curb ramp run is not compliant.</p> <p>Curb Ramp 1 (CR1)</p> <p>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".</p>	1	\$ 1,750
201333	Public Safety Building / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The curb ramp width is less than 44".</p> <p>Curb Ramp 1 (CR1)</p> <p>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.]</p>	1	\$ -
201334	Public Safety Building / EXTERIOR	Exterior Access Route	<p>A landing at the top of the curb ramp is not present.</p> <p>Curb Ramp 1 (CR1)</p> <p>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%.</p>	1	\$ 1,289
201328	Public Safety Building / EXTERIOR	Exterior Access Route	<p>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.</p> <p>Entry 197</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" (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.</p>	2	\$ 150
201242	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 197</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>	4	\$ 5,439
201243	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 197</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
201244	Public Safety Building / INTERIOR	Interior Access Route	<p>The height of controls throughout the common area are not compliant.</p> <p>Entry 197</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
201327	Public Safety Building / EXTERIOR	Exterior Access Route	<p>The hardware at the accessible door is mounted below 34" or above 48".</p> <p>Entry J101</p> <p>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

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 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. Alterations to jails, prisons, and other 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 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
202900	Public Safety Building / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range. Jail Restroom/Shower J123 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 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					
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					
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					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201225	Public Safety Building / INTERIOR	Restroom	<p>The entire restroom is not compliant due to limited room dimensions. 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. 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	\$ 24,000
201226	Public Safety Building / INTERIOR	Restroom	<p>Controls on dispensers are not compliant. 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
201227	Public Safety Building / INTERIOR	Restroom	<p>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</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>	3	\$ 586
202764	Public Safety Building / INTERIOR	Restroom	<p>The height of controls are not compliant. Men's Restroom 141 & Women's Restroom 142</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 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.]</p>	3	\$ -
202820	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. 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
202821	Public Safety Building / INTERIOR	Restroom	<p>The shelf is not located between 40" minimum and 48" maximum above finish floor. Men's Restroom 178, 179, 180, 182</p> <p>Relocate a shelf to 40" minimum and 48" maximum above finish floor.</p>	3	\$ 150

PUBLIC SAFETY BUILDING					
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 3/32" 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					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
			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		
203311	Redmond Community Center / INTERIOR	Interior Access Route	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.] Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Administration Offices	1	\$ 1,456
203732	Redmond Community Center / INTERIOR	Interior Access Route	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.] 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	2	\$ -
203232	Redmond Community Center / INTERIOR	Interior Access Route	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.] 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	2	\$ 440
203224	Redmond Community Center / EXTERIOR	Exterior Access Route	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 / 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 / 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 / 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.] The push side of the accessible door does not have the required maneuvering clearances. Class 116, Conference Rooms 202, 203, 204	1	\$ 1,200
203239	Redmond Community Center / INTERIOR	Interior Access Route	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	\$ -
203237	Redmond Community Center / 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 / 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

REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203271	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.</p>	1	\$ 1,250
203235	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.]</p>	2	\$ 150
203728	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.</p>	1	\$ -
203281	Redmond Community Center / INTERIOR	Kitchen	<p>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.</p>	5	\$ 701
203282	Redmond Community Center / 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. 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.</p>	5	\$ 1,351
203283	Redmond Community Center / INTERIOR	Kitchen	<p>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.</p>	5	\$ 720
203284	Redmond Community Center / INTERIOR	Kitchen	<p>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.</p>	5	\$ 65
203285	Redmond Community Center / 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. 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.]</p>	5	\$ 400

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REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
			Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.		
203310	Redmond Community Center / INTERIOR	Interior Access Route	<p>Entrance E-1</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> <p>The accessible route has gaps in the surface greater than 1/2" wide.</p>	2	\$ 300
203293	Redmond Community Center / EXTERIOR	Exterior Access Route	<p>Entrance E-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> <p>The maneuvering clearance at the accessible door is not level and clear.</p>	1	\$ 237
203313	Redmond Community Center / EXTERIOR	Entrance to Building	<p>Entrance E-3</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 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.</p>	1	\$ 1,250
203267	Redmond Community Center / INTERIOR	Interior Access Route	<p>Means of egress signage does not have tactile lettering.</p> <p>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	\$ 220
203309	Redmond Community Center / INTERIOR	Interior Access Route	<p>Fitness Center</p> <p>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.]</p>	1	\$ 1,456
203305	Redmond Community Center / 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>Fitness Center</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	\$ 400
203307	Redmond Community Center / INTERIOR	Common Areas	<p>The dining table does not have compliant knee and toe clearance.</p> <p>Fitness Center - Employee Offices</p> <p>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.</p>	5	\$ 1,000
203308	Redmond Community Center / INTERIOR	Employee Work Areas	<p>The work surface is not compliant.</p> <p>Fitness Center - Office</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>	5	\$ 1,030

REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
			Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen		
203258	Redmond Community Center / INTERIOR	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.] 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	2	\$ 200
203259	Redmond Community Center / INTERIOR	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.] The accessible sink is not installed with the front of the higher of the rim or counter surface 34' maximum above finished floor. Kitchen	1	\$ -
203260	Redmond Community Center / INTERIOR	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. Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen	2	\$ 720
203261	Redmond Community Center / INTERIOR	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. Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen	2	\$ 65
203262	Redmond Community Center / INTERIOR	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.] 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	2	\$ 400
203263	Redmond Community Center / INTERIOR	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. 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	4	\$ 2,382
203264	Redmond Community Center / INTERIOR	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. 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	4	\$ 1,688
203265	Redmond Community Center / INTERIOR	Concession Stand	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. 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	2	\$ 1,804
203266	Redmond Community Center / INTERIOR	Concession Stand	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.] 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	2	\$ 200
203299	Redmond Community Center / INTERIOR	Interior Access Route	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.] The ramp running slope exceeds 1:12 (8.33%). Lecture Hall 133	1	\$ 200
203300	Redmond Community Center / INTERIOR	Interior Access Route	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	\$ -

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REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203301	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.</p> <p>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.</p>	1	\$ 18,536
203303	Redmond Community Center / INTERIOR	Common Areas	<p>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"].</p> <p>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.]</p>	2	\$ 1,000
203295	Redmond Community Center / INTERIOR	Restroom	<p>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".</p>	3	\$ 710
203272	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p> <p>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.</p>	3	\$ 220
203273	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p> <p>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.</p>	3	\$ 2,880
203276	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p> <p>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.</p>	3	\$ 1,172
203277	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p> <p>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.</p>	3	\$ 2,000

REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203274	Redmond Community Center / 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. 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.	3	\$ 1,870
203275	Redmond Community Center / INTERIOR	Restroom	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 WASHINGTON: Signage is not located at the required height for the van accessible space.	3	\$ 626
203226	Redmond Community Center / EXTERIOR	Accessible Parking	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. The parking space slope is greater than 1:50 (2%).	1	\$ 280
203227	Redmond Community Center / EXTERIOR	Accessible Parking	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. The access aisle slope is greater than 1:50 (2%).	1	\$ 6,300
203228	Redmond Community Center / EXTERIOR	Accessible Parking	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. WASHINGTON: The van access aisle signage is not compliant or not provided.	1	\$ 5,000
203287	Redmond Community Center / EXTERIOR	Accessible Parking	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%). WASHINGTON: The car access aisle signage is not compliant or not provided.	1	\$ 280
203288	Redmond Community Center / EXTERIOR	Accessible Parking	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%). The access aisle slope is greater than 1:50 (2%).	1	\$ 560
203290	Redmond Community Center / EXTERIOR	Accessible Parking	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. The slope of the parking space is greater than 1:50 (2%).	1	\$ 10,000
203229	Redmond Community Center / EXTERIOR	Accessible Parking	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. WASHINGTON: Signage is not located at the required height for the standard accessible space.	1	\$ 25,200
203225	Redmond Community Center / EXTERIOR	Accessible Parking	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. 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	\$ 1,120
203291	Redmond Community Center / EXTERIOR	Exterior Access Route		1	\$ 991

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REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203314	Redmond Community Center / EXTERIOR	Exterior Access Route	<p>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.</p>	1	\$ 3,964
203315	Redmond Community Center / EXTERIOR	Common Areas	<p>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. 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.</p>	2	\$ 237
203316	Redmond Community Center / EXTERIOR	Site Furnishings	<p>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.</p>	2	\$ 237
203312	Redmond Community Center / EXTERIOR	Common Areas	<p>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.</p>	2	\$ 1,000
203294	Redmond Community Center / 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. Stairwells</p>	1	\$ 1,982
203268	Redmond Community Center / INTERIOR	Interior Access Route	<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. 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.]</p>	2	\$ 2,534
203269	Redmond Community Center / INTERIOR	Interior Access Route	<p>Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p>	1	\$ 489
203242	Redmond Community Center / 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. 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.</p>	3	\$ 366

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REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203256	Redmond Community Center / INTERIOR	Restroom	<p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.</p> <p>Unisex Restroom 118, Men's and Women's Restrooms - Upstairs and Downstairs</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	\$ 2,520
203247	Redmond Community Center / 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>Unisex Restroom 118, Upstairs Restrooms - Men's and Women's</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	\$ 600
203297	Redmond Community Center / INTERIOR	Restroom	<p>The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.</p> <p>Unisex Restroom 119</p> <p>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.]</p> <p>WASHINGTON: The shower and/or controls are not compliant in the roll-in shower.</p> <p>Unisex Restrooms 118 and 119</p> <p>Install compliant shower spray unit and controls in the roll-in shower. This barrier must be removed in conjunction with barrier ID 203252.</p>	3	\$ 200
203253	Redmond Community Center / INTERIOR	Restroom	<p>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.</p>	3	\$ -
203251	Redmond Community Center / INTERIOR	Restroom	<p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>Unisex Restrooms 118 and 119, Upstairs Restrooms - Men's and Women's</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	\$ 1,172
203252	Redmond Community Center / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Unisex Restrooms 118, 119</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 sprays shall be located 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

REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203254	Redmond Community Center / INTERIOR	Restroom	<p>The height of controls are not compliant. Unisex Restrooms 118, 119</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> <p>A transfer seat is provided but is not compliant. Unisex Restrooms 118, 119</p>	3	\$ 400
203257	Redmond Community Center / INTERIOR	Restroom	<p>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.</p> <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. Unisex Restrooms 118, 119</p>	3	\$ -
203248	Redmond Community Center / INTERIOR	Restroom	<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. 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.</p> <p>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</p>	2	\$ -
203249	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p> <p>The work surface height is not compliant. Knee and toe clearances are not provided. Unisex Restrooms 118, 119</p> <p>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.</p>	2	\$ 600
203250	Redmond Community Center / INTERIOR	Common Areas	<p>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</p>	2	\$ -
203244	Redmond Community Center / INTERIOR	Restroom	<p>Ensure alcoves 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15"?</p> <p>WASHINGTON: The paper towel dispenser or dryer location is not compliant. Unisex Restrooms 118, 119</p>	2	\$ 2,400
203245	Redmond Community Center / INTERIOR	Restroom	<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> <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. Unisex Restrooms 118, 119</p>	3	\$ 400
203246	Redmond Community Center / INTERIOR	Restroom	<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. This barrier must be removed in conjunction with ID 203245.</p> <p>The provided signage is not mounted at the latch side of the door or at a compliant height. Unisex Restrooms 118, 119</p>	2	\$ -
203241	Redmond Community Center / INTERIOR	Restroom	<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> <p>Controls on dispensers are not compliant. Women's Restrooms - Upstairs and Downstairs</p>	3	\$ 110
203278	Redmond Community Center / INTERIOR	Restroom	<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> <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. Women's Restrooms - Upstairs and Downstairs</p>	3	\$ 450
203279	Redmond Community Center / INTERIOR	Restroom	<p>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.</p>	2	\$ 400

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REDMOND COMMUNITY CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203280	Redmond Community Center / 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 ESTIMATED COST					\$ 144,283

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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
202507	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
202508	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
202509	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
202510	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

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TRINITY BUILDING					
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>	3	\$ 293
202513	Trinity Building / INTERIOR	Restroom	<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	\$ 115
202514	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	\$ 200
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. 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

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TRINITY BUILDING					
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. 1st Floor Unisex Restroom 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. 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.]</p>	3	\$ 115
206022	Trinity Building / INTERIOR	Restroom	<p>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.</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. 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.</p>	3	\$ 55
202516	Trinity Building / INTERIOR	Restroom	<p>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"].</p>	3	\$ 710

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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					
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

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TRINITY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
			<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 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	\$ 3,105
202533	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
202534	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
202536	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	\$ 1,124
202537	Trinity Building / INTERIOR	Restroom	<p>Pipes are not insulated.</p> <p>2nd 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
202538	Trinity Building / INTERIOR	Restroom			

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TRINITY BUILDING					
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					
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					
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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TRINITY BUILDING					
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

ADA TITLE II TRANSITION PLAN

CITY OF REDMOND – TRANSITION PLAN
15670 NORTHEAST 85TH STREET
REDMOND, WASHINGTON 98052

EMG PROJECT NO.: 139332.19R000-00A.206

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	<p>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.</p>	1	250
203440	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	<p>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.]</p>	1	1750

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203442	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	<p>The adjacent surfaces at transitions to adjoining walks, gutters and streets at the curb ramp are not at the same level.</p> <p>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.</p>	1	0
203443	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	<p>A compliant turning space is not provided at a change of direction.</p> <p>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.</p>	1	250

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203444	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	<p>The accessible route has areas of vertical level changes in excess of 1/4" that are not beveled or ramped.</p> <p>Parking Lot 1</p> <p>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.</p>	1	40
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203441	Hartman Park - Redmond Pool / EXTERIOR	Accessible Parking	<p>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)</p>	1	0

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	<p>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.</p>	1	1600
200172	City Hall / INTERIOR	Site Furnishings	<p>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.]</p>	2	16270

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200170	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>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	1456
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>	2	385

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200224	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>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>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 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>	1	728
200556	City Hall / 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>1st Floor Kitchenette</p> <p>Remove and lower to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200171.</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>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 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	200
200178	City Hall / INTERIOR	Restroom	<p>The locker area does not have a compliant bench.</p> <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	3000

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200182	City Hall / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>1st Floor Men's & Women's Locker Rooms</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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200167	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>1st 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
200162	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>1st Floor Men's & Women's Restroom</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
200165	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 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	710

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200516	City Hall / INTERIOR	Restroom	<p>The hardware at the wheelchair stall door is not compliant.</p> <p>1st 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	586
200183	City Hall / INTERIOR	Restroom	<p>The required clearance at the entry to the transfer stall is not provided.</p> <p>1st Floor Men's Locker Room</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>	3	3000
200166	City Hall / INTERIOR	Restroom	<p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>1st Floor 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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200163	City Hall / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>1st Floor 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 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
200164	City Hall / INTERIOR	Restroom	<p>The height of the water closet is not 17" minimum to 19" maximum above finished floor.</p> <p>1st Floor Men's Restroom</p> <p>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"].</p>	3	630
200173	City Hall / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>1st Floor 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	355

PHASE ONE BARRIERS					
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.</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
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.</p> <p>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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200234	City Hall / INTERIOR	Restroom	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>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	1250
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.</p> <p>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 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.]</p>	2	110

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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.</p> <p>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.</p> <p>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.</p> <p>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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200190	City Hall / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>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
200191	City Hall / INTERIOR	Restroom	<p>The hardware at the wheelchair stall door is not compliant.</p> <p>2nd 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	586

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	<p>The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.</p> <p>3rd 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	605
200206	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 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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200204	City Hall / INTERIOR	Common Areas	<p>Controls and/or dispensers are not within an allowable reach range.</p> <p>3rd Floor Elevator Lobby Area</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	1098
200195	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 Elevator Lobby Area</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	1804

PHASE ONE BARRIERS					
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>	1	728
200197	City Hall / INTERIOR	Restroom	<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>	3	230

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200198	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. 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.]</p>	3	400
200199	City Hall / INTERIOR	Restroom	<p>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.]</p>	3	586
200200	City Hall / INTERIOR	Restroom	<p>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.</p>	3	710

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200201	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	1260
200196	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	366

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	1804
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 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.]</p>	2	275

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	1456
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>	3	230

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200213	City Hall / INTERIOR	Restroom	<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	586
200214	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	1260

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200231	City Hall / INTERIOR	Common Areas	<p>Assistive listening signage is not compliant or is not provided. 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>	3	55
200232	City Hall / INTERIOR	Common Areas	<p>The assistive listening device is not compliant or is not provided. 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>	2	750

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200160	City Hall / INTERIOR	Common Areas	<p>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.]</p>	3	115
200168	City Hall / INTERIOR	Restroom	<p>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.</p>	3	355
200155	City Hall / INTERIOR	Interior Access Route	<p>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.</p>	1	366

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200156	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	0
200157	City Hall / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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.</p> <p>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.</p> <p>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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200139	City Hall / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The slope of the curb ramp run is not compliant.</p> <p>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	1750
200140	City Hall / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The slope of the curb ramp run is not compliant.</p> <p>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	1750
200141	City Hall / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The slope of the curb ramp run is not compliant.</p> <p>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	1750
200144	City Hall / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The slope of the curb ramp run is not compliant.</p> <p>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	1750

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200145	City Hall / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The slope of the curb ramp run is not compliant.</p> <p>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	1750
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)</p> <p>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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200176	City Hall / INTERIOR	Common Areas	<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>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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	1804
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	1804
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	3840

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	3200
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	2184
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>	2	0
200221	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 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>	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</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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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</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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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 / 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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203732	Redmond Community Center / 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. 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>	2	0
203232	Redmond Community Center / INTERIOR	Interior Access Route	<p>The existing signage is not mounted at the latch side of the door or at a compliant height.</p> <p>Administration Offices, Class 116, Conference Rooms 124, 202, 203, 204</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>	2	440

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203224	Redmond Community Center / EXTERIOR	Exterior 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>Ballot Drop Box</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	200
203240	Redmond Community Center / 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>Class 116</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	200

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203236	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.</p>	1	5000
203238	Redmond Community 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. 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.]</p>	1	1200
203239	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.</p>	1	0

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203237	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.]</p>	2	550
203234	Redmond Community Center / 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. 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.</p>	1	3294

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203271	Redmond Community Center / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Classroom 206</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	1250
203235	Redmond Community Center / 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>Conference Room 117</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	150
203728	Redmond Community Center / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Conference Room 124</p> <p>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.</p> <p>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	0

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203281	Redmond Community Center / INTERIOR	Kitchen	<p>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.</p> <p>Employee Break Room</p> <p>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.</p>	5	701
203282	Redmond Community Center / 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>Employee Break Room</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	1351

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203283	Redmond Community Center / INTERIOR	Kitchen	<p>The kitchen sink does not have knee and toe clearance.</p> <p>Employee 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 drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact</p>	5	720
203284	Redmond Community Center / INTERIOR	Kitchen	<p>Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink.</p> <p>Employee Break Room</p> <p>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.</p>	5	65

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203285	Redmond Community Center / 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>Employee Break Room and Fitness Center Office</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>	5	400

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203310	Redmond Community Center / 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>Entrance E-1</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
203293	Redmond Community Center / EXTERIOR	Exterior Access Route	<p>The accessible route has gaps in the surface greater than 1/2" wide.</p> <p>Entrance E-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	237

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203313	Redmond Community Center / EXTERIOR	Entrance to Building	<p>The maneuvering clearance at the accessible door is not level and clear.</p> <p>Entrance E-3</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 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.</p>	1	1250

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203267	Redmond Community Center / INTERIOR	Interior Access Route	<p>Means of egress signage does not have tactile lettering.</p> <p>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.]</p>	2	220
203309	Redmond Community 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>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.]</p>	1	1456

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203305	Redmond Community Center / 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>Fitness Center</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	400

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203307	Redmond Community Center / INTERIOR	Common Areas	<p>The dining table does not have compliant knee and toe clearance.</p> <p>Fitness Center - Employee Offices</p> <p>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.</p>	5	1000

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203308	Redmond Community Center / INTERIOR	Employee Work Areas	<p>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.</p>	5	1030

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203258	Redmond Community Center / INTERIOR	Kitchen	<p>Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.</p> <p>Kitchen</p> <p>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.]</p>	2	200
203259	Redmond Community Center / INTERIOR	Kitchen	<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>Kitchen</p> <p>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.]</p>	1	0

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203260	Redmond Community 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
203261	Redmond Community 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
203262	Redmond Community Center / 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 / INTERIOR	Kitchen	<p>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.</p> <p>Kitchen</p> <p>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.</p>	4	2382

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203264	Redmond Community Center / 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>	4	1688

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203265	Redmond Community Center / INTERIOR	Concession Stand	<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>Kitchen Service Counter</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	1804

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203266	Redmond Community Center / INTERIOR	Concession Stand	<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>Kitchen Service Counter</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	200
203299	Redmond Community 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>Lecture Hall 133</p> <p>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.]</p>	1	200

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203300	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.]</p>	1	0
203301	Redmond Community Center / INTERIOR	Interior Access Route	<p>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.</p>	1	18536

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203303	Redmond Community Center / INTERIOR	Common Areas	<p>The work surface height is not compliant. Knee and toe clearances are not provided.</p> <p>Lecture Hall 133</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.</p> <p>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	1000

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203295	Redmond Community Center / INTERIOR	Restroom	<p>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"].</p>	3	710

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203272	Redmond Community Center / INTERIOR	Restroom	<p>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 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.]</p>	3	220

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203273	Redmond Community Center / INTERIOR	Restroom	<p>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"</p>	3	2880

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203276	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p>	3	1172

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203277	Redmond Community Center / INTERIOR	Restroom	<p>The wheelchair stall door is not compliant.</p> <p>Men's and Women's Restrooms - Upstairs and Downstairs</p> <p>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.</p>	3	2000
203274	Redmond Community Center / INTERIOR	Restroom	<p>The urinal dimensions are not compliant.</p> <p>Men's Restrooms - Upstairs and Downstairs</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	1870
203275	Redmond Community Center / INTERIOR	Restroom	<p>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.</p> <p>Men's Restrooms - Upstairs and Downstairs</p> <p>Remove and install a compliant flush control. Operable parts shall be placed within one or more of the allowable reach ranges</p>	3	626

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203226	Redmond Community Center / EXTERIOR	Accessible Parking	<p>WASHINGTON: Signage is not located at the required height for the van accessible space.</p> <p>Parking Stall P-1</p> <p>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.</p>	1	280
203227	Redmond Community Center / EXTERIOR	Accessible Parking	<p>The parking space slope is greater than 1:50 (2%).</p> <p>Parking Stall P-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.] 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	6300

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203228	Redmond Community Center / EXTERIOR	Accessible Parking	<p>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.</p>	1	5000

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203287	Redmond Community Center / EXTERIOR	Accessible Parking	<p>WASHINGTON: The van access aisle signage is not compliant or not provided.</p> <p>Parking Stall P-1</p> <p>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%).</p>	1	280

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203288	Redmond Community Center / EXTERIOR	Accessible Parking	<p>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%).</p>	1	560

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203290	Redmond Community Center / EXTERIOR	Accessible Parking	<p>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.</p>	1	10000
203229	Redmond Community Center / EXTERIOR	Accessible Parking	<p>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.</p>	1	25200

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203225	Redmond Community Center / EXTERIOR	Accessible Parking	<p>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.</p>	1	1120
203291	Redmond Community Center / EXTERIOR	Exterior Access Route	<p>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.</p>	1	991

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203314	Redmond Community Center / EXTERIOR	Exterior Access Route	<p>The accessible route has cross slopes greater than 1:50 (2%).</p> <p>Patio</p> <p>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.</p>	1	3964

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203315	Redmond Community Center / EXTERIOR	Common Areas	<p>The dining table does not have 30" x 48" clear floor space positioned for a forward approach.</p> <p>Patio</p> <p>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.</p>	2	237

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203316	Redmond Community Center / EXTERIOR	Site Furnishings	<p>Clear ground space is not provided at the trash receptacle with lid requiring operation.</p> <p>Patio</p> <p>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.</p>	2	237

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203312	Redmond Community Center / EXTERIOR	Common Areas	<p>A minimum of 5% ADA compliant dining seating and standing spaces are not provided.</p> <p>Patio</p> <p>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.</p>	2	1000

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203294	Redmond Community Center / EXTERIOR	Exterior Access Route	<p>The accessible route has cross slopes greater than 1:50 (2%).</p> <p>Route from Public Sidewalk to Entrance E-1</p> <p>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.</p>	1	1982
203268	Redmond Community Center / INTERIOR	Interior 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>Stairwells</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>	2	2534

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203269	Redmond Community Center / INTERIOR	Interior Access Route	<p>Handrail extensions are not compliant.</p> <p>Stairwells</p> <p>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</p>	1	489
203242	Redmond Community Center / 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>Unisex Restroom 118</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	366

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203256	Redmond Community Center / INTERIOR	Restroom	<p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.</p> <p>Unisex Restroom 118, Men's and Women's Restrooms - Upstairs and Downstairs</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	2520

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203247	Redmond Community Center / 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>Unisex Restroom 118, Upstairs Restrooms - Men's and Women's</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	600
203297	Redmond Community Center / INTERIOR	Restroom	<p>The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.</p> <p>Unisex Restroom 119</p> <p>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.]</p>	3	200

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203253	Redmond Community Center / INTERIOR	Restroom	<p>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.</p>	3	0

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203251	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p>	3	1172

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203252	Redmond Community Center / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Unisex Restrooms 118, 119</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</p>	3	14362

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203254	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p>	3	400

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203257	Redmond Community Center / INTERIOR	Restroom	<p>A transfer seat is provided but is not compliant. Unisex Restrooms 118, 119</p> <p>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.</p>	3	0
203248	Redmond Community Center / 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. Unisex Restrooms 118, 119</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. 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.</p>	2	0

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203249	Redmond Community Center / INTERIOR	Restroom	<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 Restrooms 118, 119</p> <p>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.]</p>	2	600

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203250	Redmond Community Center / INTERIOR	Common Areas	<p>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.</p>	2	0
203244	Redmond Community Center / INTERIOR	Restroom	<p>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"?</p>	2	2400

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203245	Redmond Community Center / INTERIOR	Restroom	<p>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].</p>	3	400
203246	Redmond Community Center / 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. 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.</p>	2	0

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203241	Redmond Community Center / INTERIOR	Restroom	<p>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.]</p>	3	110
203278	Redmond Community Center / INTERIOR	Restroom	<p>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.</p>	3	450

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203279	Redmond Community Center / 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>Women's Restrooms - Upstairs and Downstairs</p> <p>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.</p>	2	400
203280	Redmond Community Center / INTERIOR	Restroom	<p>The wheelchair stall door is not self closing.</p> <p>Women's Restrooms - Upstairs and Downstairs</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p>	3	586
202525	Trinity Building / 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>1st Floor Corridor</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>	4	5439

PHASE ONE BARRIERS					
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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. 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. 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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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.</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.</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.] 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
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>	3	115
202512	Trinity Building / INTERIOR	Restroom	<p>The wheelchair stall door is not self closing.</p> <p>1st Floor Men's Restroom</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p>	3	293

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202513	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>	3	115

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202514	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.</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.] 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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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.</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.] 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
202523	Trinity Building / INTERIOR	Restroom	<p>The lavatory is mounted higher than 34" to the higher of the rim or counter. 1st Floor Unisex Restroom 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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
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

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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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>	3	65

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	<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	1000
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

PHASE ONE BARRIERS					
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202529	Trinity Building / INTERIOR	Restroom	<p>The door has less than 32" clear width. 2nd Floor 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.]</p>	3	1124

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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</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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202537	Trinity Building / INTERIOR	Restroom	<p>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.]</p>	3	1124
202538	Trinity Building / INTERIOR	Restroom	<p>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.</p>	3	65

PHASE ONE BARRIERS					
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.</p> <p>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</p>	3	3105
202543	Trinity Building / INTERIOR	Restroom	<p>Controls on dispensers are not compliant.</p> <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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202546	Trinity Building / INTERIOR	Employee Work Areas	<p>The height of controls throughout the common area are not compliant.</p> <p>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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202552	Trinity Building / EXTERIOR	Exterior Access Route	<p>WASHINGTON: An exterior accessible route is not provided.</p> <p>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.</p>	1	358

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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.</p> <p>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.</p> <p>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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202489	Trinity Building / EXTERIOR	Entrance to Building	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>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.</p>	1	1250
202548	Trinity Building / INTERIOR	Employee Work Areas	<p>The building does not have elevator access between stories.</p> <p>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.</p>	1	80000

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202549	Trinity Building / INTERIOR	Employee Work Areas	<p>The height of controls throughout the common area are not compliant.</p> <p>Locker 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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
206031	Trinity Building / INTERIOR	Interior Access Route	<p>The interior accessible route has less than 36" clear width.</p> <p>Locker Room</p> <p>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.</p>	1	500

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202500	Trinity Building / INTERIOR	Employee Work Areas	<p>The locker room does not have a compliant bench. Locker Room</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	1578

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202501	Trinity Building / INTERIOR	Employee Work Areas	<p>The height of controls throughout the common area are not compliant.</p> <p>Locker 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
202502	Trinity Building / INTERIOR	Interior Access Route	<p>Controls throughout the common area are not compliant.</p> <p>Locker Room</p> <p>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.</p>	1	225

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202499	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 Unisex Changing Rooms</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
206030	Trinity Building / INTERIOR	Interior Access Route	<p>The provided signage does not have the International Symbol of Accessibility, where not all elements of the same type are accessible.</p> <p>Locker Room Unisex Changing Rooms</p> <p>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.</p>	2	55

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
206021	Trinity Building / 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>Locker Room Walk-in Closet</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>	2	200

PHASE ONE BARRIERS					
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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	1400

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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. 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.</p>	2	1300

PHASE ONE BARRIERS					
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</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

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202494	Trinity Building / INTERIOR	Interior Access Route	<p>Handrails are not compliant.</p> <p>Stairs Near Door D-2</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	6520
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.</p> <p>Storage /Shop</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	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 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 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
			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- 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".]		
201265	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	710
201266	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 201255. 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
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- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". 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	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	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 5lbs 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				5	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 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	<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	1400
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	13240
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	6520
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	13240
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	7172
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
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	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	<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	1956
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
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	1956
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	3360
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
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	1956
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	3360

THREE BARRIERS					
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	1956
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	4890
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	8400
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	2184
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	6446
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	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	<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	1630
201668	Building 3-Facilities Workgroup Modular / INTERIOR	Employee Work Areas	<p>Clear space is not provided at the control or operating mechanism.</p> <p>Thermostat control</p> <p>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.]</p>	1	0
201669	Building 3-Facilities Workgroup Modular / INTERIOR	Employee Work Areas	<p>The height of controls throughout the common area are not compliant.</p> <p>Thermostat control</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
201670	Building 3-Facilities Workgroup Modular / 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>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
201671	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>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
201672	Building 3-Facilities Workgroup Modular / 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>	3	313
201673	Building 3-Facilities Workgroup Modular / 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
201674	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	<p>Pipes are not insulated.</p> <p>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

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 17". 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	<p>Elements located from 27" to 80" high protrude more than 4" into the accessible route.</p> <p>Near Stair ST-2</p> <p>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.</p>	2	728
201645	Building 5 Central Stores Warehouse / 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>Office 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	293
201646	Building 5 Central Stores Warehouse / 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>On Route from Main Entrance to Restroom</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
201647	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	<p>Elements located from 27" to 80" high protrude more than 4" into the accessible route.</p> <p>On Route from Main Entrance to Restroom</p> <p>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.</p>	2	728
206020	Building 5 Central Stores Warehouse / 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>On Route from Main Entrance to Restroom</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>	2	250
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</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	11860
206040	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	<p>The ramp is required but not provided.</p> <p>Ramp R-1</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 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.]</p> <p>Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.</p>	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	<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>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.</p>	4	5439
202200	Building 8 Parks MOC / INTERIOR	Common Areas	<p>Controls and/or dispensers are not within an allowable reach range.</p> <p>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.]</p>	4	500
202215	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>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.]</p>	1	728
202217	Building 8 Parks MOC / INTERIOR	Employee Work Areas	<p>The work surface is not compliant.</p> <p>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.</p>	2	1030
202201	Building 8 Parks MOC / INTERIOR	Common Areas	<p>Controls and/or dispensers are not within an allowable reach range.</p> <p>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.]</p>	4	500
202216	Building 8 Parks MOC / INTERIOR	Employee Work 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>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.]</p>	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 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	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

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THREE BARRIERS					
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
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	Admin Area Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 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 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	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 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

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					
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					
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.</p> <p>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	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.</p> <p>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	1250
204158	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	<p>The kitchen sink does not have knee and toe clearance.</p> <p>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.</p> <p>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.</p> <p>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	1598
204161	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	<p>Controls and/or dispensers are not within an allowable reach range.</p> <p>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

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 lavatories and counters.	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
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

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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 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, 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
203437	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Exterior Access Route	<p>A curb ramp is not provided where the accessible route crosses a curb.</p> <p>Route to Garage</p> <p>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.</p>	1	1750
203438	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Exterior Access Route	<p>The accessible route has cross slopes greater than 1:50 (2%).</p> <p>Route to Medic Station Entrance</p> <p>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.</p>	1	317
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 25" maximum when not above</p>	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.</p> <p>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.</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	\$ -
204181	Fire Station 12 / INTERIOR	Restroom	<p>Controls on dispensers are not compliant.</p> <p>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.</p> <p>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					
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

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204202	Fire Station 12 / INTERIOR	Restroom	<p>The height of controls are not compliant. Unisex 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 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.]</p>	5	\$ -
204203	Fire Station 12 / INTERIOR	Restroom	<p>Controls on dispensers are not compliant. Unisex Restroom</p> <p>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.</p>	5	\$ 200
204204	Fire Station 12 / INTERIOR	Restroom	<p>The water closet in a single user / unisex restroom does not have the required clearance. Unisex 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>	5	\$ 1,368
204205	Fire Station 12 / INTERIOR	Restroom	<p>Where provided, shelves are not located within 40" - 48" above the finished floor. Unisex Restroom</p> <p>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.</p>	5	\$ 200
204206	Fire Station 12 / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range. 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>	5	\$ 115

PHASE FIVE BARRIERS						
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. 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. 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. 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. 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. 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. 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. 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	

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PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204192	Fire Station 12 / INTERIOR	Restroom	<p>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"].</p>	5	\$ 355
204193	Fire Station 12 / INTERIOR	Restroom	<p>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.</p>	5	\$ 355
204194	Fire Station 12 / INTERIOR	Restroom	<p>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"].</p>	5	\$ 500
204195	Fire Station 12 / INTERIOR	Restroom	<p>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.]</p>	5	\$ 115
200260	Fire Station 13 / INTERIOR	Transient Lodging	<p>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).</p>	3	\$ 2,000
200262	Fire Station 13 / INTERIOR	Transient Lodging	<p>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.]</p>	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</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	\$ 14,362
200258	Fire Station 13 / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range. 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
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</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
200561	Fire Station 13 / INTERIOR	Interior Access Route	<p>Controls throughout the common area are not compliant. Men's & Women's Restroom</p> <p>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</p> <p>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</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

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	\$ -

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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. 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]</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. 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.</p>	2	\$ 300
200452	Fire Station 14 / INTERIOR	Restroom	<p>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.]</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. 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.</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. 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.</p>	1	\$ 420
200417	Fire Station 14 / EXTERIOR	Accessible Parking	<p>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.</p>	1	\$ 6,300
200564	Fire Station 14 / EXTERIOR	Accessible Parking	<p>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.</p>	1	\$ 280

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200565	Fire Station 14 / EXTERIOR	Accessible Parking	<p>WASHINGTON: The van access aisle signage is not compliant or not provided.</p> <p>Parking Lot 1</p> <p>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%).</p>	1	\$ 280
200566	Fire Station 14 / EXTERIOR	Accessible Parking	<p>The access aisle slope is greater than 1:50 (2%).</p> <p>Parking Lot 1</p> <p>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.</p>	1	\$ 5,000
200567	Fire Station 14 / EXTERIOR	Exterior Access Route	<p>A curb ramp is not provided where the accessible route crosses a curb.</p> <p>Parking Lot 1</p> <p>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.</p>	1	\$ 1,750
200465	Fire Station 14 / EXTERIOR	Accessible Parking	<p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking Lot 2</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>	5	\$ 1,400
200466	Fire Station 14 / EXTERIOR	Exterior Access Route	<p>A curb ramp is not provided where the accessible route crosses a curb.</p> <p>Parking Lot 2</p> <p>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.</p>	5	\$ 1,750
200467	Fire Station 14 / EXTERIOR	Accessible Parking	<p>A curb or wheelstop is not provided where needed to prevent encroachment of vehicles over the required accessible route clear width.</p> <p>Parking Lot 2</p> <p>Install a curb or wheelstop to prevent the encroachment of vehicles over the required accessible route clear width of minimum 44".</p>	1	\$ 945
200453	Fire Station 14 / EXTERIOR	Entrance to Building	<p>The accessible door has less than 32" clear width.</p> <p>Patio</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. 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.]</p>	1	\$ 2,480
200454	Fire Station 14 / EXTERIOR	Entrance to Building	<p>The threshold at the accessible door is greater than 1/2" in height.</p> <p>Patio</p> <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). 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.]</p>	1	\$ -
200419	Fire Station 14 / EXTERIOR	Entrance to Building	<p>The threshold at the accessible door is greater than 1/2" in height.</p> <p>Public Entrance</p> <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
200580	Fire Station 14 / INTERIOR	Interior Access Route	<p>Stairs have open risers.</p> <p>Stair to Storage & Mechanical Space</p> <p>Replace with compliant stairs that have closed risers. Open risers are not permitted.</p>	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
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	<p>Knee and toe clearance is not provided at the lower level fountain.</p> <p>Lobby</p> <p>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.</p> <p>[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.</p>	4	\$ 980
203402	Fire Station 17 / INTERIOR	Restroom	<p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.</p> <p>Lobby 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
203403	Fire Station 17 / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>Lobby 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
203376	Fire Station 17 / INTERIOR	Restroom	<p>The water closet in a single user / unisex restroom does not have the required clearance.</p> <p>Lobby Restroom, Upstairs Restroom - South</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	\$ 2,736
203375	Fire Station 17 / 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>Lobby Restroom, Upstairs Restrooms - North and South</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	\$ 2,184
203743	Fire Station 17 / INTERIOR	Restroom	<p>The lavatory is mounted higher than 34" to the higher of the rim or counter.</p> <p>Lobby Restroom, Upstairs Restrooms - North and South</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	\$ 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	<p>The grab bars at the water closet are not compliant.</p> <p>Women's Restroom</p> <p>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.]</p> <p>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
200495	Fire Station 18 / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>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
200496	Fire Station 18 / 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
200497	Fire Station 18 / 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
PHASE FIVE TOTAL					\$ 372,597

ADA TITLE II TRANSITION PLAN

CITY OF REDMOND – TRANSITION PLAN
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REDMOND, WASHINGTON 98052

EMG PROJECT NO.: 139332.19R000-00A.206

**APPENDIX C
AMERICANS WITH DISABILITIES ACT (ADA)
TITLE II REQUIREMENTS**

ADA TITLE II TRANSITION PLAN

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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

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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.

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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]

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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.

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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)]

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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.

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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.

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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;

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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](#).

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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.

ADA TITLE II TRANSITION PLAN

CITY OF REDMOND – TRANSITION PLAN
15670 NORTHEAST 85TH STREET
REDMOND, WASHINGTON 98052

EMG PROJECT NO.: 139332.19R000-00A.206

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-aeburlbtype="input" data-aef-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-aeburlbtype="input" data-aef-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.`

ADA TITLE II TRANSITION PLAN

CITY OF REDMOND – TRANSITION PLAN
15670 NORTHEAST 85TH STREET
REDMOND, WASHINGTON 98052

EMG PROJECT NO.: 139332.19R000-00A.206

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:

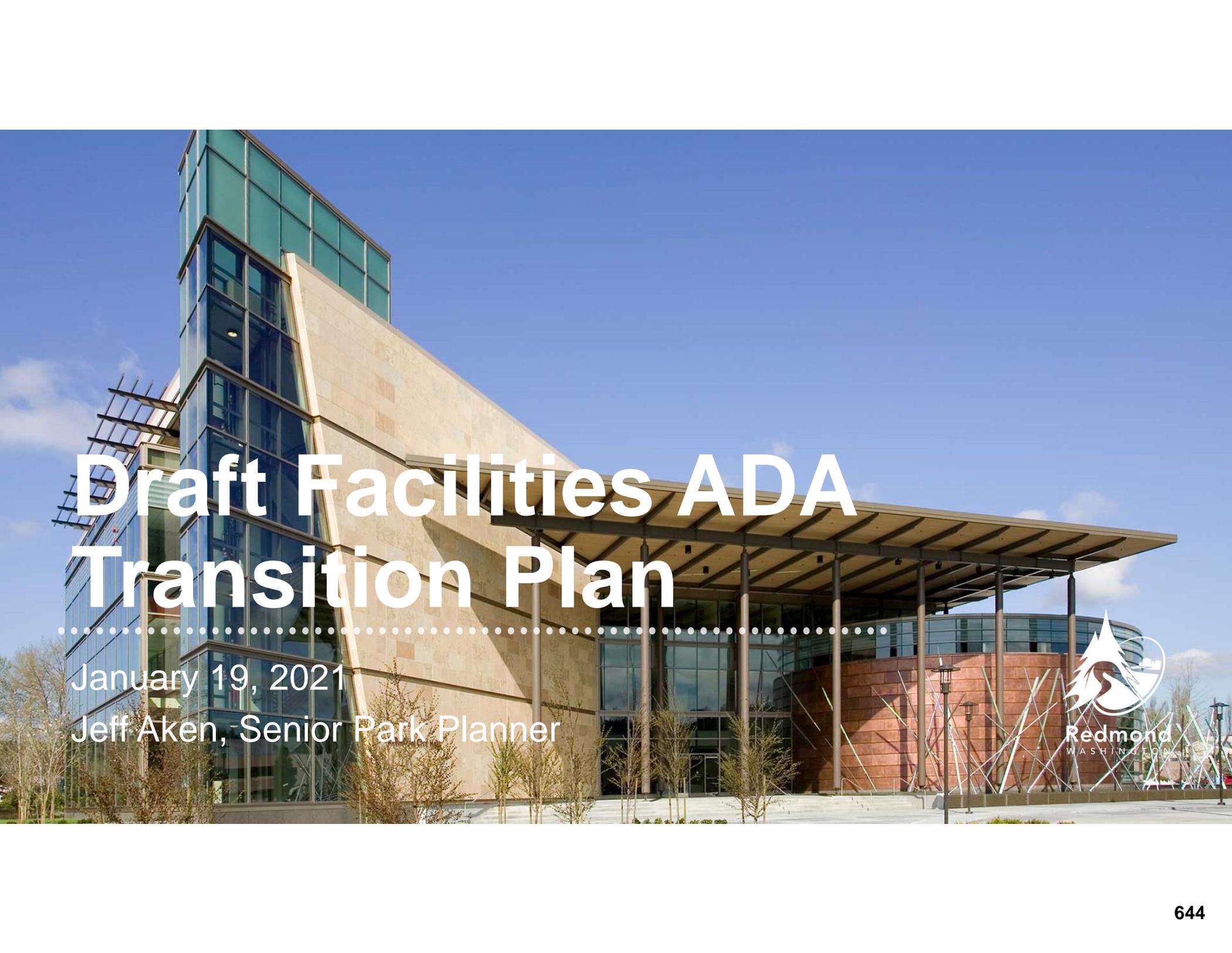
Existing organizations can assist employers in educating employees about disability etiquette, and provide refresher sessions for etiquette skills.

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.



Draft Facilities ADA Transition Plan

January 19, 2021

Jeff Aken, Senior Park Planner



Purpose



- **Project Review**

- Background
- Findings
- Recommendations
- Timeline

- **Council Action:**

- Consider Adoption of the ADA Facilities Transition Plan



What is the ADA

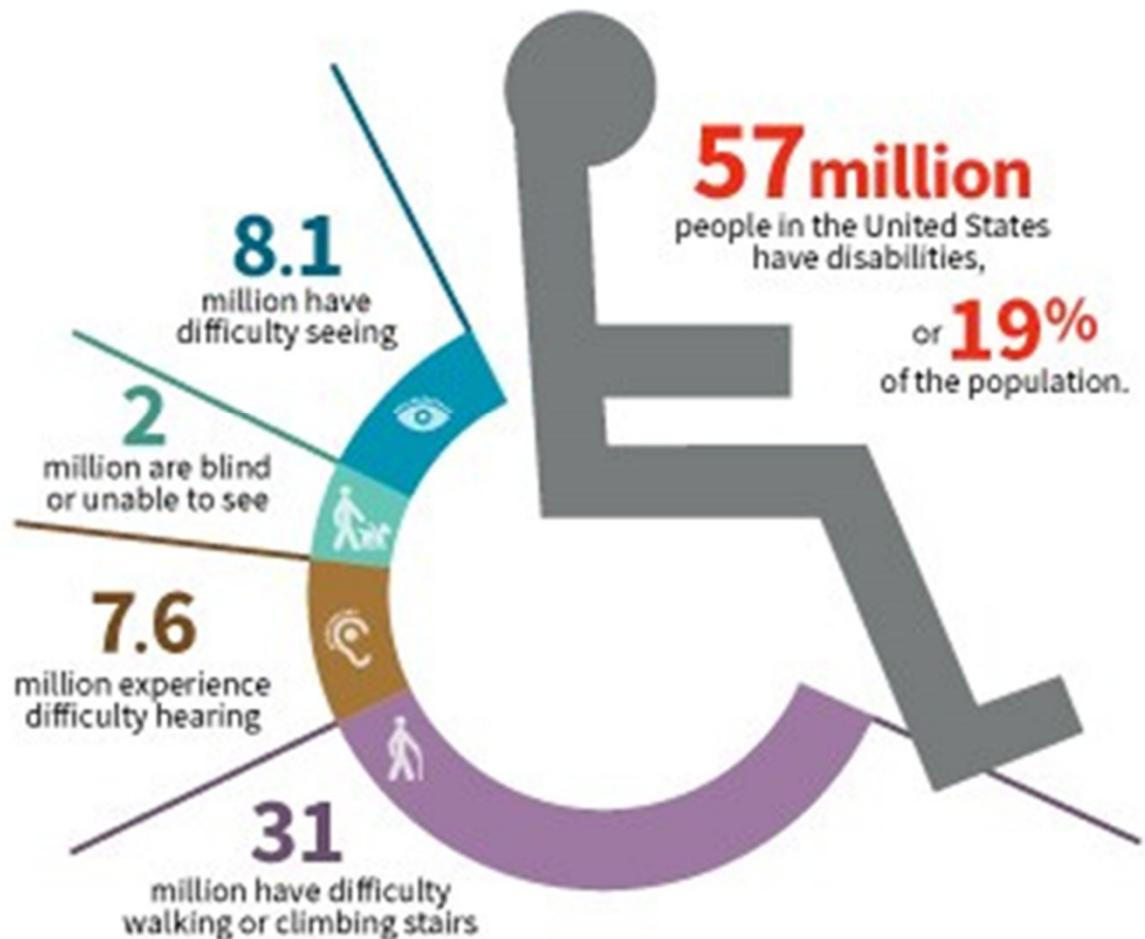
.....

Landmark civil rights law applies to all state and local governments

Must provide equal opportunity for all to participate in services, programs, and activities

The City is required to have a transition plan prioritizing improvements to meet the law

American Disabilities



Project Overview

.....

- Access audits on all 23 City-owned and operated buildings
- Review Programs/Policies
- Public Engagement
- Identify Priorities
- Develop Timeline

Access Audits

Phases/Priorities

Transition Plan

Facilities Transition Plan



Roadmap

- Overview
- System Barrier Summary
- Barrier Removal Strategy
- Policy/Program Recommendations
- “Living Document”





Recommendations



Facilities ADA Transition Plan



Five Priorities

1. Parking, accessible approaches, and entries
2. Program, service, and activity elements
3. Restroom facilities
4. Auxiliary features and amenities (benches, water fountains, etc.)
5. Employee only areas



Five Phases

More public facing buildings are higher priority



1. Phase I

- City Hall, Redmond Pool, RCC MV, Trinity Building

2. Phase II

- Old Fire Station Teen Center, Public Safety Building

3. Phase III

- Facilities Workgroup, Modular, Building 5 - Central Stores Warehouse, Building 8 - Parks MOC, King County Commuter Parking, Municipal Campus

4. Phase IV

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

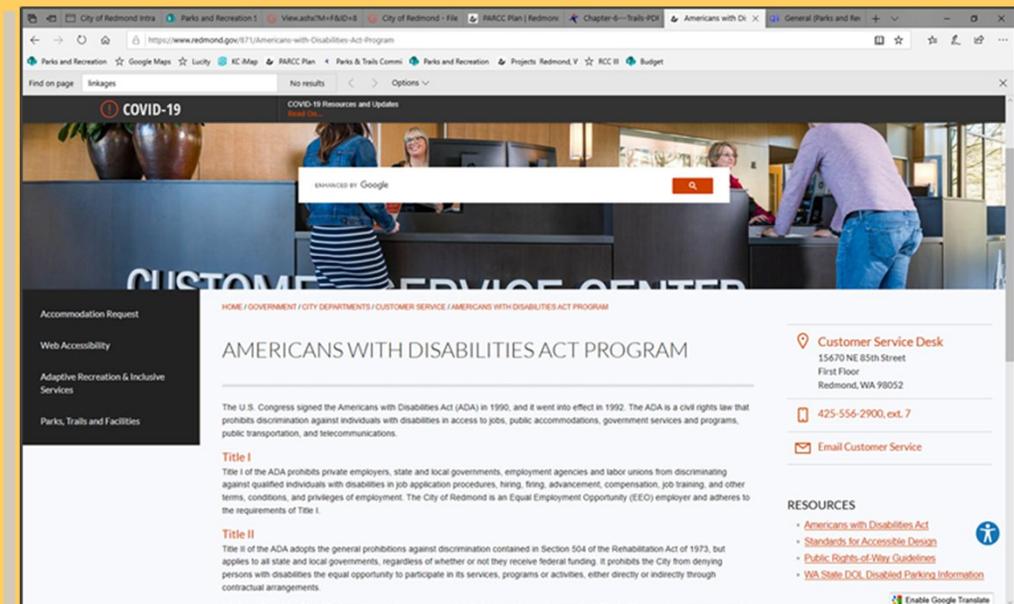
5. Phase V

Fire Station 12, Fire Station 13, Fire Station 14, Fire Station 17, Fire Station

Policies and Programs Recommendations



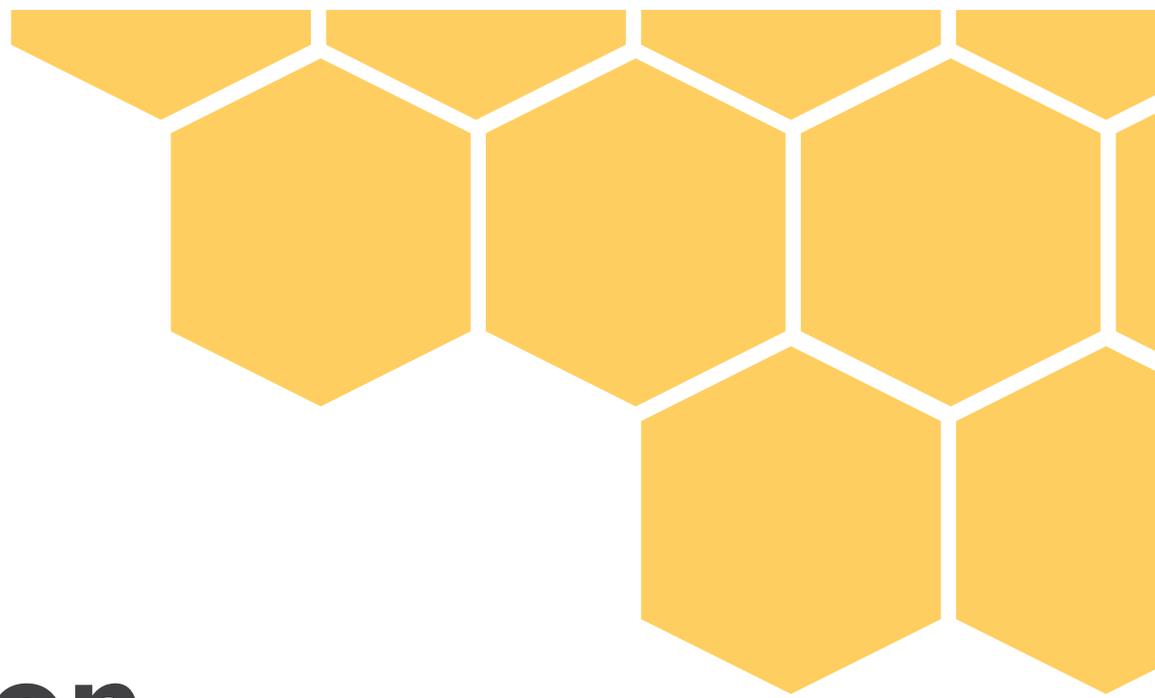
- Written materials should include how to request accommodations
- Materials should be available in alternative formats (Braille, pictorial, large print etc.)
- City Website should identify accessible locations



Policies and Programs Recommendations



- Designate an ADA Coordinator and post name & contact info)
- Create form specifically for filing ADA grievances
- Ensure Web content meets WCAG 2.1A



Implementation



Facilities ADA Transition Plan

Costs & Timeline

Make all unique amenities and at least one of recurring amenities accessible



Strategies

- 1250 Barriers
- \$2.14M based on removal of specific element
- 2021-2030 Biennium (5)
- \$5.6M using City Cost Estimating Tool
- Program Access is goal
 - Not all barriers need to be removed



Barrier Removal Strategy

Make all unique amenities and at least one of recurring amenities accessible



Strategies

- Highest use areas
- Scheduled Capital Improvements
- Easily Removed Barriers
- Community Input
- *Ongoing effort*





Barrier Removal Strategy

Make all unique amenities and at least one of recurring amenities accessible

2021-22 CIP

- MOC Plumbing & ADA Improvements
 - \$550,000
- ADA Improvements
 - \$200,000 (2021-22)
- Redmond Pool
 - Renovation meets ADA
- Senior & Community Center
 - Will exceed 2010 standards

Operations & Maintenance

- Examples:
 - Maintain accessible routes
 - Sign relocation
 - Protruding objects
 - Door force

Milestones



Thank You

- Questions?
- Place on 02.02.2021 Consent Agenda?

.....

Jeff Aken, 425-556-2328
jaken@redmond.gov





Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-017
Type: Staff Report

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

Planning and Community Development	Carol Helland	425-556-2107
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DEPARTMENT STAFF:

Planning and Community Development	Beverly Mesa-Zendt, AICP	Deputy Director
Planning and Community Development	Caroline Chapman	Senior Planner

TITLE:
King County Growth Targets

OVERVIEW STATEMENT:

Under the Growth Management Act, King County, in consultation with cities, is responsible for ensuring that cities plan for accommodating their share of the region’s population and employment growth. To support the periodic review of the Comprehensive Plan (Redmond 2050), King County Countywide Planning Policies, which include local housing and employment growth targets, are expected to be updated in 2021. On January 19th, staff will provide an overview of the county process, staff recommendations, and the timeline for setting and adopting the local growth targets.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

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

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Redmond Comprehensive Plan and all implementing functional and strategic plans, Redmond Zoning Code, Transportation Master Plan
- **Required:**
RCW 36.70A.115 <<https://app.leg.wa.gov/RCW/default.aspx?cite=36.70A.115>> Growth Management Act, Vision 2050 Regional Growth Strategy Policies; King County Countywide Planning Policies
- **Council Request:**
N/A

- Other Key Facts:**

The Growth Management Act requires counties and cities, at a minimum, to provide capacity to accommodate 20-year projected growth targets. Growth capacity is the amount of housing and jobs that could be allowed under adopted zoning. The Vision 2050 Regional Growth Strategy calls for the 16 Core Cities, which includes Redmond, to accommodate 28% of the region’s population growth and 35% of its employment growth by the year 2050.

OUTCOMES:

Puget Sound Regional Council (PSRC) Certification

Certification of comprehensive plans is a requirement for jurisdictions that intend to apply for PSRC funding or proceed with projects submitted into the Regional Transportation Improvement Program. During its certification review, PSRC looks for substantial consistency between a plan’s land use growth assumptions and adopted countywide growth targets. In addition to assessing whether the land use growth assumptions are consistent with the growth targets and implementing the Regional Growth Strategy, PSRC will review actions and measures taken in local comprehensive plans to achieve the regional growth targets.

City of Redmond

Redmond will use growth targets to inform planning for land use, transportation, and capital facilities. Recommendations about where to allocate growth, within Redmond, will be based on final growth targets, consultant modeling and analysis, community feedback, and conformance with the Regional Growth Strategy.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- Timeline (previous or planned):**

March 2021: The King County draft growth targets will be available for public comment as part of the proposed Countywide Planning Policies (CPPs).

- Outreach Methods and Results:**

The CPPs will be available for public comment after the Growth Management Planning Council (GMPC) approves the release of the Public Review Draft which is expected in March. The GMPC is formal body of elected officials from jurisdictions throughout the county charged with overseeing the preparation of the Countywide Planning Policies. Feedback and comments will be invited and then considered in the final draft presented to the GMPC in June. The GMPC maintains a list of interested parties to whom the draft CPPs will be distributed.

- Feedback Summary:**

Staff will apprise the Council of public input and resulting changes to the drafts as we become aware of them.

BUDGET IMPACT:

Total Cost:

Comprehensive planning is a component of the Planning and Community Development work program that is conducted by staff in the Long-Range Planning Division.

Approved in current biennial budget: Yes No N/A

Budget Offer Number:
000250

Budget Priority:
Vibrant and Connected

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

If yes, explain:

Growth targets will have budgetary impacts associated with comprehensive plan updates, functional plan updates, and zoning implementation. Contracts associated with the Redmond 2050 periodic review include review and incorporation of growth targets and related updates as part of that scope of work.

Funding source(s):
General Fund

Budget/Funding Constraints:
N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
6/16/2020	Business Meeting	Receive Information
1/12/2021	Committee of the Whole - Planning and Public Works	Receive Information

Proposed Upcoming Contact(s)

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

Time Constraints:

The GMPC will consider approval of the CPPs in June 2021 and will forward the CPPs to the King County Council for approval in the second half of 2021. In 3Q-4Q 2021, King County member jurisdictions will consider the CPPs for ratification.

ANTICIPATED RESULT IF NOT APPROVED:

Staff is not seeking approval at this time.

ATTACHMENTS:

Attachment A: King County Growth Targets Presentation



King County Growth Targets

January 19, 2020

Beverly Mesa-Zendt AICP

King County Growth Targets

- What are Growth Targets?
- Why are Growth Targets important?
- How are they determined?
- How has Redmond performed to date?
- Target Ranges
- Staff considerations and recommendations
- What is the timeline/process for adoption and ratification?

What Are Growth Targets?

- A policy statement about the amount of housing and jobs each jurisdiction will plan for in 2024 comprehensive plans
- Part of the Countywide Planning Policies
- For the urban area only
- For at least a 20-year period
- Created collaboratively by all cities and King County

Why are growth targets important?

- Compliance with GMA
- Compliance with CPPs
- PSRC Certification
 - ✓ Certification is a requirement to be eligible for PSRC funding and for projects submitted into the Regional Transportation Improvement Program.
 - ✓ PSRC maintains a report of the certification status of each jurisdiction
 - ✓ Jurisdictions use growth targets to **inform planning** for land use, transportation, and capital facilities

How are Growth Targets Determined





Some Internal Metrics

- **What is *our current capacity*?**
 - How much is vacant or underdeveloped?
 - Where are infrastructure investments or constraints?
 - Development vs. planned density
- **What does our *recent performance* tell us?**
 - Performance against previous target
 - Recent trends
 - How do we compare to our neighbors
- **How does this *impact our plans*?**
 - Redmond's jobs to housing split
 - Housing goals
 - Sustainability goals

2006 -2031 Housing Targets – How is Redmond doing?

Burien	57%
Federal Way	65%
Auburn	68%
Kirkland	75%
Bellevue	79%
Renton	93%
Kent	96%
Redmond	101%

41% of the planning period completed

Redmond has **achieved 101%** of expected growth expected as this point in the planning period

Tukwila	6%
SeaTac	20%

Bothell	121%
---------	------

Seattle	154%
Issaquah	185%

Negative Growth - 50%

50% - 150%

150% - 200%

2006-2031 Jobs Targets – How is Redmond doing?

41% of the planning period completed

Redmond has **achieved 108%** of expected growth expected as this point in the planning period

		Auburn	59%				
		Renton	91%				
		Bellevue	89%				
		Issaquah	93%				
Federal Way	-8%	Redmond	108%				
Burien	-1%	Kirkland	126%				
Tukwila	7%	Kent	142%	Seattle	175%	Bothell	209%
SeaTac	41%						
Negative Growth - 50%		50% - 150%		150% - 200%		>200%	



Redmond 20 Year Target Preliminary Ranges

Housing Unit Target Range

11,667 - 21,764

Current Capacity

17,117 -24,774 Housing Units

Recent Trends

2014-2019

Average of 764 HU/ year

Jobs Target Range

12,688- 52,875

Current Capacity

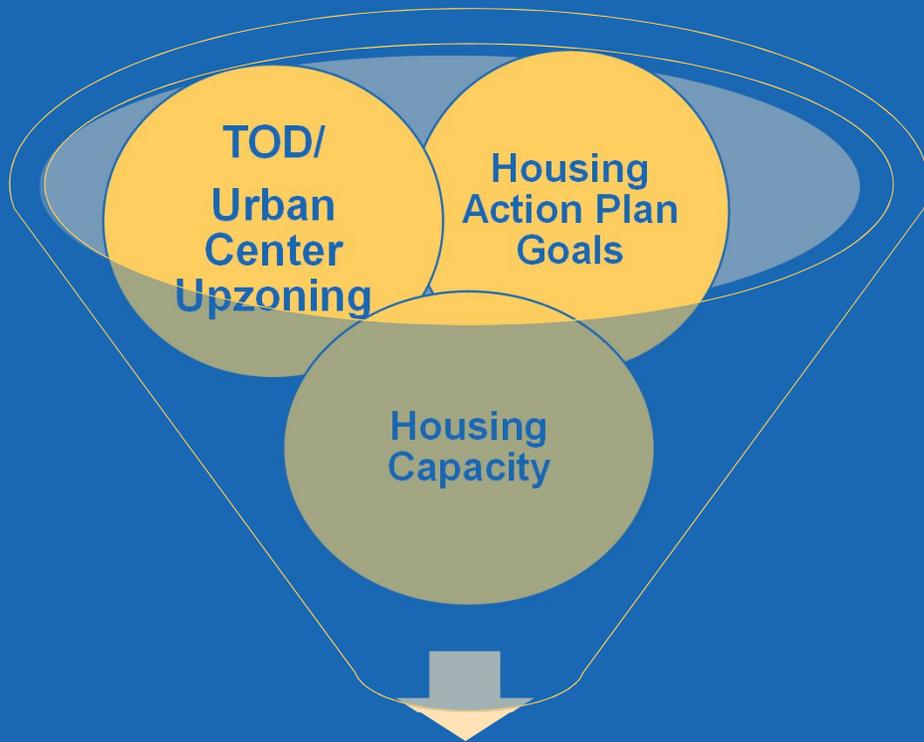
10,859 - 15,372 Jobs

Recent Trends

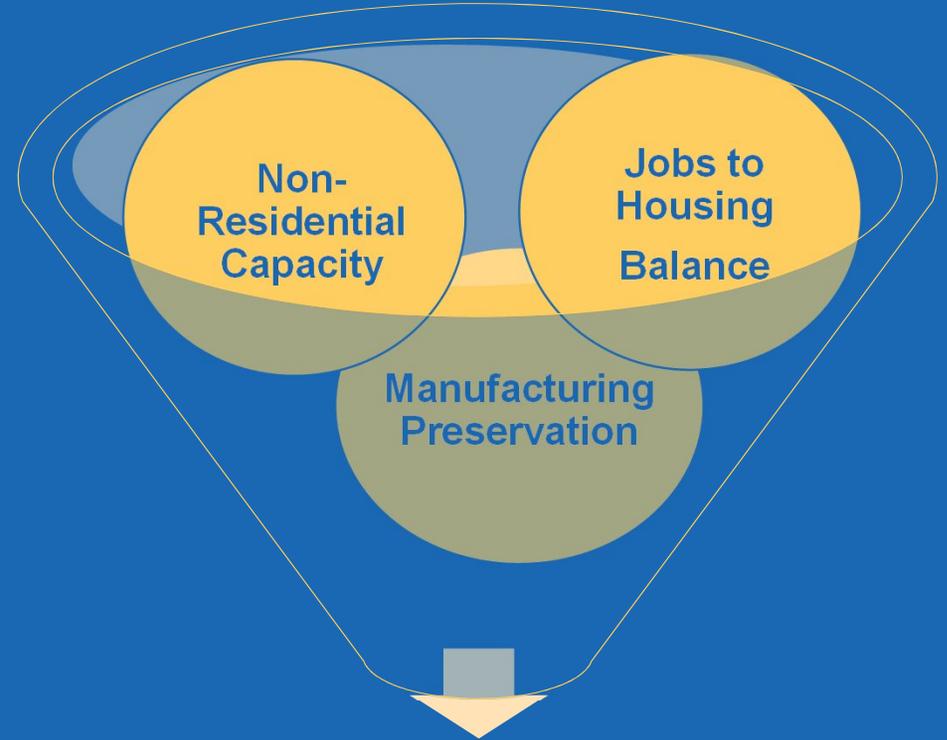
2010- 2019

Average of 2,123 jobs/ year

Next Steps | Core Regional Caucus Deliberations



Housing Target



Job Target

SCHEDULE





Thank You

Any Questions?

Beverly Mesa-Zendt AICP





Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-018
Type: New Business

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

Parks	Carrie Hite	425-556-2326
Public Works	Dave Juarez	425-556-2733

DEPARTMENT STAFF:

Parks	Jeff Aken	Senior Planner
Public Works	Eric Dawson	Senior Engineer

TITLE:

Approval of a Contract with Opsis Architecture LLP, in the Amount of \$1,386,732 for Schematic Design of the Redmond Senior and Community Center

OVERVIEW STATEMENT:

On October 22, 2020, the City Council provided direction to begin design on the Redmond Senior and Community Center, using input previously received from seniors and stakeholders to guide the design. The design process will continue to incorporate further input from seniors and stakeholders throughout the design process.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

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

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
 - Envision Redmond Senior Center Building Stakeholders Report March 2020
 - Redmond Community Strategic Plan
 - 2017 Community Priorities for the Future of Redmond’s Community Centers Report
 - Redmond Comprehensive Plan
 - Redmond Parks, Arts, Recreation, Culture, and Conservation (PARCC) Plan
 - Redmond Facilities Strategic Management Plan
 - 2017-2022 Redmond Capital Investment Program (CIP). Redmond Zoning Code 21.10.070B
- **Required:**

City Comprehensive Plan: FW-23, CC-12, PR-19, PR-35, PR-36, PR-37, PR-38, UC-19, UC-20, DT-12, and DT-15, Redmond Zoning Code-RZC 21.10.070

- **Council Request:**
On October 22, 2020, Council provided direction to utilize the existing \$15,000,000 budget for Senior Center renovations to begin design of the new Senior and Community Center
- **Other Key Facts:**
N/A

OUTCOMES:

The desire to open a new Senior and Community Center within three years has been well documented by stakeholders, citizens, and the Council. The Council has provided direction to demolish the existing building, begin with the design process, and to include all stakeholder input from past efforts and to include stakeholders as the design begins and progresses.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
01/09/20-Stakeholder Conference Call
01/15/2020-Public Meeting Facilitated by EnviroIssues and Patano
01/16/2020-Lunch Briefing with Seniors
01/23/2020-Public Meeting Facilitated by EnviroIssues and Patano
02/06/2020-RYPAC-Senior Center Discussion
02/10/2020-Community Centers Open House-Facilitated by Patano
02/24/2020-Stakeholder Meeting #1-Facilitated by EnviroIssues
03/05/2020-Stakeholder Meeting #2-Facilitated by EnviroIssues
12/14/2020-Project update for stakeholder and “Meet and Greet” with architect team
- **Outreach Methods and Results:**
Outreach Methods: public meetings, email, city newsletters, city website, lunch briefings with seniors, postcard mailers, social media posts, press releases, online surveys, results-gathered by online surveys, paper surveys, and comment cards
- **Feedback Summary:**
Feedback included items such as build a larger facility than what exists today at the Senior Center, with the understanding that Redmond’s existing recreation spaces are already underserving its senior population, as well as other demographic groups. Future growth is expected and needs to be addressed by considering future demand and trends that keep our community healthy, active, and connected across neighborhoods, ages and cultures.

BUDGET IMPACT:

Total Cost:
\$1,386,732

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

Budget Offer Number:

CIP

Budget Priority:

Infrastructure, Healthy and Sustainable, Vibrant and Connected

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

If yes, explain:

The City has \$15M currently in the CIP and approved by Council for use in demolition, design and public outreach and part of the construction. Additional funding will be necessary for full construction of the new Senior and Community Center.

Funding source(s):

General Government CIP \$15M, requested direct appropriation from State Legislature \$5M, possible partnerships, and potential Councilmanic bonds. Models of community investment (i.e. individual purchases of solar panels) are also being discussed.

Budget/Funding Constraints:

In the 2020 CIP, there is currently \$15M set aside for renovation of the Senior Center. Council has provided direction to staff to use this \$15M for demolition and to begin design and public outreach. This will also fund part of the construction. The City will be seeking a state appropriation for this project, potential partnership funds and community investment, and will seek approval for Councilmanic bonds in order to fund the complete construction.

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
9/17/2019	Business Meeting	Receive Information
12/3/2019	Business Meeting	Receive Information
2/11/2020	Study Session	Receive Information
2/25/2020	Committee of the Whole - Finance, Administration, and Communications	Receive Information
3/3/2020	Committee of the Whole - Parks and Human Services	Receive Information
6/2/2020	Committee of the Whole - Parks and Human Services	Receive Information
6/23/2020	Study Session	Receive Information
7/7/2020	Committee of the Whole - Parks and Human Services	Receive Information
7/28/2020	Study Session	Receive Information
8/4/2020	Committee of the Whole - Parks and Human Services	Receive Information
8/11/2020	Committee of the Whole - Planning and Public Works	Provide Direction
9/1/2020	Committee of the Whole - Parks and Human Services	Provide Direction
9/15/2020	Business Meeting	Approve

10/22/2020	Special Meeting	Approve
12/1/2020	Committee of the Whole - Parks and Human Services	Receive Information
1/5/2021	Committee of the Whole - Parks and Human Services	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:

Design of the Senior and Community Center would be delayed, and the goal of a 2023 opening would be jeopardized.

ATTACHMENTS:

- Attachment A - Consultant Agreement
- Attachment B - Public Facing Outreach
- Attachment C - Presentation

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 UDBE, the Consultant shall continue their outreach efforts to provide SBE firms maximum practicable opportunities.

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. Non-minority, woman owned DBEs does not count towards UDBE goal attainment.

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: Eric Dawson
Agency: City of Redmond
Address: PO Box 97010
City: Redmond State: WA Zip: 98073-9710
Email: ecdawson@redmond.gov
Phone: 425-556-2867
Facsimile:

If to CONSULTANT:

Name: Chris Roberts
Agency: Opsis Architecture, LLP
Address: 920 NW 17th Ave
City: Portland State: OR Zip: 97209
Email: chrisr@opsisarch.com
Phone: 503.525.9511
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 car 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 contract. 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: Eric Dawson

Agency: City of Redmond

Address: PO Box 97010

City: Redmond State: WA Zip: 98073-9710

Email: ecdawson@remond.gov

Phone: 425-556-2867

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 part, 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 AGREEMENT’s over one hundred thousand dollars (\$100,000.00) and Exhibit “G-4” is required only in AGREEMENT’s 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. **50022024.05.01.02**

December 20, 2020

Eric Dawson, PE
 Project Manager
 City of Redmond
 Public Works Department
 15670 NE 85th Street
 Redmond WA 98052

Reference: Redmond Senior and Community Center (RSCC) – **EXHIBIT A**
 Programming | Concept Design and Schematic Design Scope of Work

Dear Eric:

This letter outlines the Opsis Architecture proposed scope of work to provide comprehensive architectural, engineering, and specialized consultant services for the schematic design of the Redmond Senior and Community Center project. This phase of work will include verification of the space program, concept design, and schematic design.

PROJECT UNDERSTANDING

The new Redmond Senior and Community Center (RSCC) project will be approximately 43,000gsf with a budget still to be determined by the City Council. The RSCC is envisioned as a multi-story structure containing dedicated spaces for senior activities, recreation activity spaces, and variety of community spaces including meeting spaces, and community room with kitchen. The facility will be planned and designed to accommodate a three-level private partnership addition to serve other community needs (i.e., affordable, or senior housing, urban school, health and wellness, and non-profit organizations). We understand the City will be soliciting RFP's from potential partners. The selected partner will be integrated into the planning and design process.

The RSCC will be located within the Redmond Municipal Campus on the site of the prior Senior Center with the existing utility connections utilized for the new facility. The project is situated with direct adjacency to the Sammamish River critical areas buffer setback. This will require the new building to be elevated approximately 30-inches above the existing grade. The facility design and construction staging will need to take into account maintaining a safe and operational campus with vehicular and pedestrian access to the adjacent Public Safety Building, Parking Structure and City Hall.

The project will include related site development including required parking, street and fire access and possible reconfiguration. The parking needs will encompass providing dedicated senior parking as well as addressing the community center and partnership parking requirements in conjunction with an overall understanding of available parking on the Municipal Campus. The planning and design will also include necessary utility upgrades, on-site stormwater management, and infrastructure improvements necessary to support the new facility. Sustainability will be a primary consideration in the design with the goal of setting a benchmark for sustainable future development in the City.

We understand the seniors will be involved throughout the design process and public engagement will continue to be important and inform a design responsive to the needs of the Redmond Community. The design team will work closely with the Project Stakeholder Group, advisory groups, boards, and commissions with outreach and involvement of seniors, teens, and a range of culturally diverse and underserved groups. City staff will be engaged throughout the schematic design process with the Mayor

and City Council provided project updates of the recommended space program, concept design, and schematic design with cost estimate.

The City will use a GC/CM delivery model for this project and engage the services of a GC/CM partner to be on-board before the conclusion of schematic design. The GC/CM will be an active participant in design meetings, provide valued input on construction staging and logistics, real-time target value design, evaluation of building structural, mechanical and enclosure systems, and constructability review that will support cost containment and predictability. Separate cost estimates will be developed by and reconciled between the GC/CM and DCW, our independent cost estimator.

DESIGN TEAM

The following design team members will participate in the scope of work outlined for the Programming | Concept Design and Schematic Design Phase.

Opsis Architecture – Prime Contract, Architectural Planning/Design and Interior Design

Johnston Architects – On-site Presence, Coordinate Pre-App, Environmental Study, Site Survey, and Parking Study

Lund Opsdahl – Structural Engineer

PAE Engineers – Mechanical, Electrical and Plumbing (MEP) and Sustainable Design

Herrera – Civil and Environmental Studies w/ delineation of the Critical Areas Buffer line, mitigation strategies

Groundswell – Site Development, Landscape, Pathways, and Parking Layout

Little Fish – Lighting Design

Stantec – Acoustical

Halliday Associates – Food Service

Code Unlimited - Code Review

DCW – Cost Estimating

EnviroIssues (EI) – Public Outreach and Project Stakeholder Engagement, Community Survey and Project Website

Ballard* King Associates – Space Programming and Operational Planning

AESI Engineering – Geotechnical Report

True North Land Surveying – Site Survey

Global Transportation Engineering - Parking study and analysis

SCOPE OF WORK

Task 1 - Project Management and Coordination

Opsis will participate in Project Management (COR) Meetings as needed throughout the Programming | Concept Design and Schematic Design process. The COR meetings are scheduled to occur between scheduled workshops and are incorporated in the schedule outline in his proposal. Project Management Monthly Reports will be prepared and distributed documenting the prior month's activities. Reports shall include meeting minutes, design documentation, schedule updates, decision tracking log, etc. and will be available through OneNote, as a collaborative platform. Design Decision Log tracking all for all major design decisions and changes will be documented and identify who, why, cost impact, and schedule ramification.

Subtasks and activities during this phase include:

- Update and monitor project budget and schedule. Schedule will be updated on a monthly basis.
- Prepare a work plan at the start of project for the project including communication plan, deliverables, quality control plan and procedures for change management and update monthly.
- Attend coordination/discussion meetings as-needed (schedule to be established by the CITY) with key City staff to review project status and coordinate activities for current work tasks.

Meetings will be held via the Microsoft Teams platform until such a time when in person meetings are deemed to be safe. Opsis and or their consultants will prepare and distribute meeting agendas and minutes. The attached schedule outlines the quantity of meetings expected for the scope of work outlined herein.

Deliverables:

- Invoice and progress reports submitted monthly
- Updated project schedule submitted monthly
- Workplan, updated monthly
- Meeting Agendas documenting topics for discussion at coordination/discussion meetings, submitted via e-mail in MS Word format within 1 working day of the meeting
- Meeting Minutes documenting the coordination/discussion meetings, submitted via e-mail and/or posted to OneNote in MS Word submitted within 3 working days of the meeting

EnvirolIssues

Scope of work, beginning in December and lasting through July and includes project kick-off meetings, developing an engagement plan and workback schedule, set up of regular coordination between the city and the consultant team. Digital engagement is largely presented in the development of a project website but setting up a project inbox and recording communications and comments from the public will be primary project management functions through the duration of this contracted phase.

Subtasks and activities during this phase include

- Stakeholder Group Workshop scheduling and prep (7 total)
- Virtual Open house Scheduling and prep (2 total)
- City Council Scheduling and prep (4 total)
- Facilitation and workshop development
- Management of OneNote Content

Deliverables:

- Monthly invoice and progress reports to Opsis
- Agendas and meeting notes from meetings with the City of Redmond
- Agendas, meeting invites, and meeting notes from Stakeholder Group meetings
- Posting of Stakeholder Group minutes to project website

Task 1.5a - Space Program

The preliminary space program from the March 24, 2020 “Envisioning the Future of the Senior Center” Study will provide a basis for developing and refining the space program that will include key program elements such as: lounge/living room, dedicated senior lounge, library and nutrition program, community room (divisible), kitchen, multi-purpose room (divisible), wellness spaces, arts & crafts room and music room. The balance between flexible activity spaces and additional meeting rooms will be evaluated along with recreation and activity spaces.

Space program options will be developed and evaluated by City Staff, Project Stakeholder Group (PSG), and community stakeholder groups to determine the recommended space program that incorporates the desired mix of dedicated senior spaces as well as community, and recreation spaces. The space program will include room size and proportion, layout, and desired adjacencies to other spaces. The program options will be evaluated based on the priority program elements with add-on program spaces; cost recovery goals; and alignment of the program with the 43,000gsf area target and the budget as

determined by City Council. The City is also seeking a development partner to contribute approximately \$5M for structural reinforcement to accommodate future floors added to the building.

Subtasks and activities during this phase include:

- Develop project goals and guiding principles
- Review preliminary space program options
- Discuss cost recovery goals
- Review site and parking analysis
- Review refined program options
- Review cost model and cost recovery
- Review preliminary concept options
- Review final space program & cost recovery

Deliverables:

- Visioning boards
- Room Data Sheets
- Adjacency Diagrams
- Program area spreadsheet comparing base condition and options
- Draft Space Programming Report for review by COR to include:
 - Narrative summary by Opsis and consultants outlining the program space requirements
 - Space Programming Phase summary of activities
 - Meeting Minutes
 - Program allocation spreadsheet
 - Adjacency diagrams
 - Consultant deliverables listed below shall be include in the Draft Space Programming Report
- Final Space Programming Report incorporating COR review comments

Groundswell

Groundswell will assist in the programming and layout of Exterior or “outdoor space” in this phase through the attendance at meetings with Opsis and the City of Redmond to review project parameters, gather available materials, identify additional information needed, scope, budget schedule and establish project timetable and deliverables. We will provide site reconnaissance visits with design team and client if necessary and review the site survey and request any additional information to fill data gaps. We plan to attend the workshops and meetings outlined below to discuss the project site goals and conduct three (3) coordination meeting and conference call with client and design team to coordinate our efforts.

Subtasks and activities during this phase include

- Attend meeting with Opsis and the City of Redmond to review project parameters, gather available materials, identify additional information needed, scope, budget schedule and establish project timetable and deliverables.
- Attend site reconnaissance visit with design team and client.
- Develop Survey Request Form, in partnership with Opsis, Herrera and design team, to gather necessary survey information. Review survey and request any additional information to fill data gaps.
- Attend Workshop No. 2 with Opsis and City of Redmond to discuss the project site goals.
- Conduct three (3) coordination meeting and conference call with client and design team to coordinate our efforts.

- Prepare precedent imagery and site diagrams to assist in discussions with the Redmond community in identifying a preferred site program.

Deliverables:

- Develop Survey Request Form, in partnership with Opsis, Herrera and design team
- Develop Site Program Plan.
- Prepare precedent imagery and site diagrams to assist in discussions with the Redmond community in identifying a preferred site program.
- Develop preliminary Site Plan with program overlay
- Conceptual Materials, Lighting and Furnishings Palette

Envirolssues

This task is the most robust of 2021, beginning in December and lasting through spring. It includes project kick-off meetings, developing an engagement plan and workback schedule, set up of regular coordination between the city and the consultant team. There are two Stakeholder Group Workshops planned, in addition to a meet & greet event in December (separate from this SOW). In addition, there is one public open houses (online).

Subtasks and activities during this phase include

- Kick off
 - Internal and consultant team kick off
 - Kick off with COR
- Engagement plan
 - Preparing the final project engagement plan and workback schedule
- On-going coordination
 - Meetings with COR staff regarding public engagement
 - Meetings with Opsis and consultant team regarding project scope, separate from engagement activities (some with COR and some without)
 - Meetings internally with EI team
- Two Stakeholder Group meetings
 - Welcome email
 - Schedule
 - Monthly e-newsletter out to Stakeholders
 - Facilitation of each meeting
 - Agendas, meeting materials, minutes posted to project website
 - Coordination between COR and consultant team about each meeting's agenda and speakers
 - Meeting set-up (online, with Zoom or Teams)
- Set up of project email inbox
- Set up of inbox and weekly support for email inbox, including maintenance of comments and communications with community members
- One public meeting (assumption: online via Zoom), including a pool of 6 additional facilitators from EI to assist

Deliverables:

- Engagement plan and workback schedule
- City Council PowerPoint briefing documents
- Schedule for all Stakeholder Group meetings posted to project website
- Welcome email out to Stakeholders

- Monthly e-news update out to Stakeholders
- Regular summaries of inbox communications through EnviroLytical
- Translated materials in Spanish and Chinese as needed

Ballard King

Ballard King will attend stakeholder meetings to identify project constraints and parameters, review project documents and meet with key parks and recreation staff (virtually). Their focus will be on validating the project program, determining size and space allocations and their relationship to operating cost and cost recovery projections.

Subtasks and activities during this phase include:

- Project Overview:
 - Project kick-off meeting
 - Identify project constraints and parameters
 - Review project documents
 - Meet with key parks and recreation staff (virtually)
- Community Input:
 - Participate in community stakeholder group meetings (3 max, virtual)
 - Participate in council meeting (1 max)
- Partnership Review:
 - Review of potential partnerships
 - Determination of potential partners impact on the project
 - Programming impact
 - Operations impact
- Programming Assistance
- Project component recommendation/prioritization
 - Validate or adjust any existing facility program
 - Determine sizing and space allocation requirements
 - Component relationships and interaction
- Operating impact and cost recovery projections

Deliverables:

- Program analysis
- Preliminary Operations Matrix

Task 1.5b - Concept Design

The Concept Design Phase will overlap with the Space Programming Phase to achieve schedule efficiencies with concurrent activities which often-times informs refinement to the space program when illustrated integrated into site test fit options. The building plans and massing will be documented through a combination of diagrams and concept sketches that are refined in (BIM) study models. The concept design will explore structural and MEP system options, site development with required parking and landscape strategies, fire access, and pedestrian pathways. The concept design layout will incorporate universal design as well as sustainable design strategies.

Concept design options will be evaluated by City Staff and the PSG utilizing an “evaluation matrix” that identifies the key evaluation criteria based on the project goals and endorsed by the PSG. Ballard*King will update the operations plan / cost recovery projections based on the recommended concept design. A comprehensive concept design estimate will be developed by DCW to verify construction costs before moving forward into Schematic Design. This effort will include City Staff meetings, workshops, virtual

open house, and City Council update as indicated in the project schedule. Below is a breakdown of consultant tasks

Subtasks and activities during this phase include:

- Review preliminary building massing
- Review refined concept design options
- Review preliminary building massing
- Review refined select concept options
- Review refined building massing
- Select preferred concept design
- Conceptual Design Cost Estimate

Deliverables:

- Building Narrative
- Cost Estimate
- Draft Concept Design Report for review by COR to include:
 - Narrative summary by Opsis and consultants outlining the concept design
 - Concept Design Phase summary of activities
 - Meeting Minutes
 - Building plan layouts
 - Building massing drawings and diagrams
 - Building elevations
 - Consultant deliverables listed below shall be include in the Draft Concept Design Report
- Final Concept Design Report incorporating COR review comments
- Cost Estimate

Lund Opsahl

Lund Opsahl (LO) will provide guidance and assist in the evaluation of sustainable and viable structural systems during the concept phase. The evaluation of systems will include discussion of partnership development within the RSCC footprint. We will also provide information for the development of the geotechnical report and assist in the cost estimating effort.

Subtasks and activities during this phase include:

- Conceptual studies of viable structural systems
- Evaluate sustainable solutions for structural systems
- Narrative discussion of future additions and possible systems with pros and cons
- Provide structural criteria for geotechnical consultant

Deliverables:

- Plan Mark-ups of structural system
- Partner additions and systems with pros and cons list
- Structural system narrative

PAE

During the concept design phase PAE will review design standards and owner project requirements to help

assist the design team, COR and other consultants with preparation of Concept documents. We will develop system scope requirements and make recommendations based on sustainable design strategies

Subtasks and activities during this phase include:

- Review design standards and owner project requirements.
- Assist design team, COR and other consultants with preparation of Concept documentation.
- Develop and make recommendations for system scope requirements.
- Coordinate mechanical and electrical system space requirements.
- Develop preliminary MEP systems narrative to define system concepts.

Deliverables:

- Plan Mark-ups with equipment type, size and access
- MEP system narrative

Herrera

At the start of this phase Herrera will work with the design team to provide background data and research to assist in the development of concept design. Their work will include preliminary civil investigations such as identifying points of connection for utilities refining the project site limits, setting floor elevations, determining setbacks and coordinating site water management strategies.

Subtasks and activities during this phase include:

- Attend workshops and work sessions when required with stakeholders and COR
- Background data research
- Conceptual Civil Engineering Design

Deliverables:

- Conceptual civil engineering cost Estimate
- Conceptual civil engineering narrative
- Mark-up of conceptual site plan produced by others (i.e. Groundswell)

Groundswell

Groundswell will develop a concept site plan and accompanying narrative for this phase of the project. Along with a detailed scope of work, project schedule and anticipated permitting timeline. We will refine diagrams presented at the interview for discussion with the City of Redmond and for inclusion in the Public Open Houses and participate as needed in a virtual open house with the Redmond Community. We will work with the team on our site diagrams and precedent imagery to advance the discussion of a preferred site program and for obtaining public feedback. Our process will be to review plan alternatives with client and design team. Prior to meetings workshops and open houses. During this phase we plan to Attend Pre-Application conference with the city, local agencies, Opsis and Herrera, submit Concept Level Design Drawings. Deliverables, conduct conference call with permitting agencies to discuss how project stormwater management will be addressed and meet with the City of Redmond to review the Concept Design Submittal.

Subtasks and activities during this phase include

- Develop a detailed scope of work, project schedule and anticipated permitting timeline.
- Develop Site Base Plan.

- Refine diagrams presented at the interview for discussion with the City of Redmond and for inclusion in the Public Open Houses:
 - Site Design Considerations
 - Site Design Approach
 - Municipal Campus Identity
 - Integration with River Ecosystem
- Conduct Open House #1 with the Redmond Community. We will present our site diagrams and precedent imagery to advance the discussion of a preferred site program and for obtaining public feedback.
- Conduct Workshop No. 4 with Opsis, design team and client to review feedback received from Open House #1 and to inform our site plan alternatives.
- Develop two plan alternatives that begin to define a collective vision and theme for the Senior Community Center site. This effort will include a concept level-design of opportunities or concepts to optimize the sites public spaces.
- Discuss plan alternatives with client and design team. Incorporate feedback prior to Open House #2.
- Attend two (2) conference calls with design team to coordinate our efforts.
- Conduct Public Open House #2. During the open house we will talk with the public about the feedback we received from Open House #1, our initial findings, plan alternatives and aspirations for the project's outdoor spaces.
- Assist Redmond City Staff and Opsis with one (1) presentation to the Planning Commission and one (1) presentation to City Council.
- Based upon the results of Open House #2, technical input, City Council and Planning Commission input, we will refine alternatives to one preferred Concept Design.
- Attend one (1) conference call with design team to coordinate our efforts.
- Advance Concept Design drawings incorporating city and design team review.
- Attend Pre-Application conference with the city, local agencies, Opsis and Herrera.
- Submit Concept Level Design Drawings. Deliverables include:
 - Conceptual Site Plan
 - Conceptual Materials, Lighting and Furnishings Palette
- Conduct conference call with permitting agencies to discuss how project stormwater management will be addressed.
- Coordinate design efforts and backgrounds with consultant team.
- Meet with the City of Redmond to review the Concept Design Submittal and receive approval to proceed with Schematic Design.

Deliverables:

- Develop a detailed scope of work, project schedule and anticipated permitting timeline.
- Develop Survey Request Form, in partnership with Opsis, Herrera and design team
- Develop Site Base Plan.
- Refine diagrams for the Public Open Houses :
- Prepare precedent imagery and site diagrams
- Develop two plan alternatives
- Refine alternatives to one preferred Concept Design.
- Conceptual Site Plan
- Conceptual Materials, Lighting and Furnishings Palette

Envirolssues

This scope of work is a continuation of the work initiated in the programing phase. Starting in February this work captures two more Stakeholder Workshops. In addition, there is one Council briefings planned,

one public open houses (online) and an outreach summary that will be produced by EnviroIssues as the final deliverable of this phase. Digital engagement is largely presented under the project website scope but setting up a project inbox and recording communications and comments from the public will be featured in this task.

Subtasks and activities during this phase include

- Engagement plan
 - Preparing the final project engagement plan and workback schedule
- On-going coordination
 - Meetings with COR staff regarding public engagement
 - Meetings with Opsis and consultant team regarding project scope, separate from engagement activities (some with COR and some without)
 - Meetings internally with EI team
- Two Stakeholder Group meetings
 - Welcome email
 - Schedule
 - Monthly e-newsletter out to Stakeholders
 - Facilitation of each meeting
 - Agendas, meeting materials, minutes posted to project website
 - Coordination between COR and consultant team about each meeting's agenda and speakers
 - Meeting set-up (online, with Zoom or Teams)
- City Council Briefing (1)
 - Materials and prep
- Set up of project email inbox
- Set up of inbox and weekly support for email inbox, including maintenance of comments and communications with community members
- One public meeting (assumption: online via Zoom), including a pool of six (6) additional facilitators from EI to assist
 - Project fact sheet and other materials needed for public meetings
 - Agenda, notes, and recordings from public meetings
 - Posting recordings and materials on project website
- Outreach summary
 - Summary of all outreach through Programming and Concept Design, posted to website

Deliverables:

- City Council PowerPoint briefing documents
- Schedule for all Stakeholder Group meetings posted to project website
- Welcome email out to Stakeholders
- Monthly e-news update out to Stakeholders
- Regular summaries of inbox communications through EnviroLytical
- Translated materials in Spanish and Chinese as needed
- Outreach summary at the end of program and concept work

Ballard*King

During concept design Ballard*King will review the site plan, spatial relationships, phasing plans and design options. The focus of their work will shift from programming to operational analysis providing the COR and stakeholders data and research necessary to make informed decisions regarding the overall building development viewed with operational cost implications.

Subtasks and activities during this phase include

- Conceptual Layout and Design Review:
 - Site plan
 - Spatial relationship of components
 - Phasing plan
 - Design options
- Operations Analysis: (initial projections in Concept Design phase and update during Schematic Design)
 - Attendance estimates
 - Daily
 - Annually
 - Fee structure
 - Drop-in
 - Multiple admissions/annual passes
 - Family, corporate, group
 - Rentals
 - Sources of income
 - Identification and verification of revenue sources
 - Operating cost projections
 - Develop a line item budget
 - Personnel by position
 - Contractual services
 - Commodities
 - Capital replacement
 - Revenue generation projections
 - Develop a line item accounting
 - Admissions
 - Annual/multiple admissions
 - Programs and services
 - Rentals
 - Other revenue sources
 - Revenue/expenditure comparisons
 - Cost recovery level

Deliverables:

- Conceptual Layout and Design Review
- Operations Analysis
- Fee structure Analysis
- Revenue source verification
- Operating cost projections with line item budget
- Develop Revenue generation projections with line item accounting
- Provide Revenue/expenditure comparisons

DCW

DCW will provide a probable construction cost estimate during Concept Design including all elements as necessary for a complete cost estimate. The design team and DCW will work with the COR prior to the start of the cost estimate to develop an estimate format based on a Work Breakdown Structure (WBS). The WBS format will be used through-out the course of the project at each cost estimating milestone. A final revision to the construction cost estimate will be provided after review and commentary by the design

team and COR. DCW will provide ongoing cost advice throughout the design period to evaluate alternative designs, materials and methods of construction.

Subtasks and activities during this phase include:

- Prepare an opinion of probable construction costs for up to (3) options
- Cost estimate will be prepared in Unifomat II component format.
- Reconcile estimate based on design team and COR feedback
- Prepare a final revision to the opinion of probable construction cost
- Provide ongoing cost advice

Deliverables:

- Opinion of probable construction costs
- Final revision to the opinion of probable construction costs

Task 2 - Schematic Design

The Schematic Design Phase will build upon the foundation outlined in concept design and greater definition of the buildings relationships to the site will be developed. The overall site design will address pedestrian connections to the river trail and campus green along with expansion of fire lane access to accommodate the new buildings footprint. The extent of natural buffers, storm water management, plantings and outdoor amenities will be evaluated and documented. The parking study will be used to determine the extent and/or reconfiguration of the existing parking areas as well as informing any needed adjustments to the roadway alignments to the RSCC site.

The overall building layout, massing and character will be developed with careful consideration given to solar orientation, view corridors and clearly defined accessible campus connections. Building plans will illustrate components of the project including building size, scale and location. Based on the geotechnical report possible structural/foundation systems will be recommended and structural systems will be integrated into the building layout with consideration given to optimize structural efficiencies and allow for expansion of a private partnership addition above the RSCC. Sections and elevation drawings will be utilized to communicate spatial relationships, construction methods, material use and architectural expression of the project.

As the schematic design begins to solidify a sustainability charrette will be conducted to establish project goals for systems and overall sustainability based on the City Councils adopted Sustainability Action Plan. The workshop will establish a framework that will inform the design of mechanical electrical and plumbing systems and identify goals for renewable and sustainable material use in the project.

In order to maintain the overall project schedule, the design team plans to meet early with the planning department to review building and zoning code assumptions. Once the survey and report information are incorporated into the documents the entitlements process will be initiated. The start of the process will include scheduling a Prep' Coordination Meeting and submission our Application for Land Use.

The design team will utilize schematic level digital models, sketches and 3D renderings to facilitate communication during workshops and meetings and assist the team in decision making throughout the design process. When schematic design is 80% complete a detailed cost estimate will be performed by our cost estimator. The basis for their estimate will be drawing plans elevations and sections along with a written narrative describing assemblies, materials, components, and systems (Architectural, Landscape, Civil, Structural, Electrical, and Mechanical). The estimate will be followed by one week of cost reconciliation that overlaps a two-week city review period. Program documents outlining the size and

usage of all spaces and the Ballard*King operations plan / cost recovery projections will also be updated to align with Schematic Design documents. At the conclusion of the review period and upon approval by City Staff, Schematic Design, project costs and operational costs will be presented to the Mayor and City Council.

Subtasks and activities during this phase include:

- Discuss with the COR alternative approaches to design and construction of the RSCC
- Discuss with the COR the feasibility of incorporating environmentally responsible design approaches
- Prepare a geometry plan for the building.
- Prepare all major plan elements of the building for all floors, with approximate accommodations for structure and MEP.
- Develop Typical project functional components. Components should be coordinated with structural and MEP.
- Representative dimensions shown and representative partitions tagged.
- Show schematic furniture layouts to confirm spatial and program requirements
- Develop typical project components and core elements including elevators, stairs and MEP risers, public toilet rooms. Minor or atypical elements should be reflected in the plans and building sections.
- Confirm that all circulation elements conform with building and accessibility codes.
- Verify that all program requirements are incorporated in the plans including support areas such as staff break rooms / toilets, building storage areas, janitor closets and trash rooms and recycling.
- Develop Building elevations and note exterior materials. Indicate the extent of their use.
- Confirm alternatives with the Owner.
- Develop Building sections including typical foundation details. Indicate floor to floor dimensions, ceiling heights, major structural elements and major MEP transfer or horizontal distribution zones.
- Prepare digital models and perspective renderings
- Develop preliminary selections of major building systems with construction materials noted on the drawings or described in writing.
- Consider Environmentally responsible design alternatives.
- Consider the value of alternative materials, building systems and equipment
- Develop typical exterior wall sections, typical exterior details and typical exterior wall types with enough detail delineated in the drawings and adequately described in the Basis of Design narrative
- Prepare general description of atypical and high finish spaces such as lobbies, public corridors and amenities.
- Prepare general describe typical toilet room and kitchen in plan and interior room elevations.
- Establish ceiling heights on a preliminary typical or representative reflected ceiling plan(s) as the basis to initiate project coordination.
- Establish preliminary ceiling heights for all typical and principal spaces; indicate on the floor plans and building sections.
- Prepare partition type sheet for typical wall assemblies
- Provide Project description with general and regulatory requirements, preliminary building code, preliminary accessibility analysis, structural requirements, acoustical requirements, outline basic interior and exterior construction and materials
- Issue Schematic Design Package for cost estimate and COR review

Deliverables:

- 80% Schematic Design Phase Drawings
- 80% Schematic Design Phase Narrative for Estimate

- 100% Schematic Design Phase Drawings
- 100% Schematic Design Phase Report draft for review by COR to include:
 - Narrative summary by Opsis and consultants outlining schematic design
 - Schematic Design Phase summary of activities
 - Meeting Minutes
 - Consultant deliverables listed below shall be include in the Draft Schematic Design Phase Report
- Final Schematic Design Report incorporating COR review comments
- Cost Estimate
- Reconciled Cost Estimate

Lund Opsahl

Lund Opsahl (LO) shall provide structural engineering services for the primary structural system. This system consists of the foundations, structural bearing and shear walls, columns, beams, bracing, slabs, sheathing and connections between these elements, which acting together, provide a complete, stable structural framework.

Design of secondary structural elements, non-structural components, and related support and bracing shall be the responsibility of others unless specifically noted herein or by written addendum to this agreement. Review of the effect of secondary and non-structural elements on the primary structural system and design the primary structural system to accept and support such items is included. The Contract Documents shall provide information regarding the supporting capability and physical attachment limitations of the primary structural system. Where Exhibit A requires secondary or non-structural elements to be reviewed by LO, we shall be entitled to rely on the accuracy and completeness of information furnished by the Client and/or Prime Design Professional.

Subtasks and activities during this phase include:

- Establish structural design criteria
- Evaluation of geotechnical conditions and recommendations for floor elevations and foundation systems
- Assist in selection of structural system for the project
- Prepare overlay of architectural floor plans and sections as needed to show intended structural system and preliminary structural depths
- Provide a written narrative of basis of design and system description
- Document the intended future addition and/or added floors
- Respond to City and stakeholders review comments
- Discuss options for phased construction permits
- Provide general descriptive information sufficient for Schematic pricing such as estimates of pounds of rebar per square foot, etc.

Deliverables:

- Schematic level overlay of architectural floor plans
- Narrative outlining basis of design and system description
- Document structural material quantities
- 80% Schematic Design Phase Drawings
- 80% Schematic Design Phase Narrative
- 100% Schematic Design Phase Drawings
- 100% Schematic Design Phase Narrative

PAE (MEP / Building Analysis and Modeling / Fire Alarm / Technology / LEED Certification Support)

During the Schematic Design Phase PAE will develop design criteria including indoor and outdoor ventilation, air circulation, exhaust, sound levels, system diversities and building envelope thermal characteristics. Work shall include a systems narrative with system descriptions. For ductwork maximum air velocity criteria and duct insulation requirements will be provided. Preliminary fixture selections will be provided with general space requirements and types of plumbing fixtures. Preliminary layout of major mechanical rooms will be developed along with floor space requirements including electrical rooms, major risers, chase requirements, etc. Weights of equipment, major horizontal and vertical penetrations will also be included. Determine Typical floor MEP & FP distribution systems and other mechanical, fire protection and electrical systems that can impact structural, architectural plans and reflected ceiling plans will be coordinated along with utility requirements.

Subtasks and activities during this phase include:

- Participate in meetings via videoconference with the architect, owner and other consultants.
- Review design standards and owner project requirements.
- Conduct preliminary studies and analysis for selection of systems and their space requirements.
- Make recommendations for efficient systems based on past project experience and prior studies.
- Conduct preliminary review with authorities to ascertain utility services.
- Coordinate with design team members.

Deliverables:

- Simple diagrams and sketches to define project system components.
- Review of system construction cost estimates prepared by others.
- 80% Schematic Design Phase Drawings
- 80% Schematic Design Phase Narrative
- 100% Schematic Design Phase Drawings
- 100% Schematic Design Phase Narrative

Building Analysis and Modeling (BAM)

These services are considered an essential part of the design process in order to provide the analysis and ultimately the information needed to make the best choices for the delivery of the project, which meets and balances the client's project pro-forma and construction budget with their energy, water and carbon conservation goals.

Our focus in the early phases of design is to take a leading role in workshops to communicate clearly the relative merits of environmental conservation strategies and indoor environmental quality. We will work with the project team and decision makers to establish specific measurable goals. Once these are established, we will map out a path for achieving them that will allow key design decisions to be informed on the basis of their ability to achieve the project goals.

The following points provide a summary of our scope for this project:

- Leadership in the establishment of sustainable design goals and benchmarks for the project and ongoing review of performance against those goals.
- Design analysis and guidance for energy use to optimize building performance within the constraints of the project including calculations of energy from HVAC systems, lighting, renewable energy systems and other building equipment.
- Design recommendations for all passive systems including aperture sizes and controls, shading, thermal mass and glazing proportions.

- Compliance analysis for energy performance to meet code and benchmarking targets for applicable third-party rating systems.
- Design analysis and guidance for water usage to reduce the use of potable water in the building within the constraints of the project.
- Design recommendations for creating productive indoor environments.

Below we have identified several scope items that specifically support the sustainable aspirations of the project.

- **Energy Performance Modeling:** calculations to form an opinion of energy consumption in real operation to assist with quantifying cost savings from energy reduction measures for the purposes of comparing the benefit of energy efficiency measures.
- **Envelope Optimization:** building envelope analysis and design guidance in areas of daylight, thermal comfort, visual comfort, energy impacts and HVAC design integration.
- **Natural Ventilation/Passive Cooling Analysis:** for spaces exploring the option of natural ventilation, PAE will evaluate local weather data and provide a report describing comfort with respect to the current ASHRAE Std. 55 criteria and outline preliminary estimates on expected comfort. Included in this effort is a coordination effort with the architect to evaluate best practices and rules of thumb for building configuration to support natural ventilation strategies.
- **Water Cycle Analysis:** analyze the complete water cycle for the project and make recommendations on potential water conservation measures. Strategies to be evaluated include low flow fixtures, no flow fixtures, gray water collection and re-use, black water treatment, rainwater collection and re-use.
- **On-site Energy Production:** with the architect's assistance, PAE will evaluate potential on-site energy alternatives such as photovoltaics (PV's), cogen and wind energy. Included in the analysis will be potential manufacturers and configurations, energy output calculations and financial analysis (i.e. first costs, rebates and incentive programs and payback period).
- **Energy Life Cycle Cost Analysis (ELCCA):** PAE will champion and organize the ELCCA process in collaboration with the project team in order to assist in determining which building systems and design strategies are most appropriate for this project. We will rely on the general contractor to provide cost estimates for each alternate under consideration.
- **Indoor Environmental Quality:** utilizing passive heating and cooling strategies can change traditional expectations for occupant comfort. PAE will provide measurable design targets for occupant comfort showing how passive system may improve or challenge occupant satisfaction over a typical weather year. If passive design systems are chosen, PAE will also show the potential impacts of global warming and climate change on the performance of the spaces.

The detailed scope of work for these sustainability components are provided as follows:

ENERGY STUDY AND MODELING

- Participate in design meetings with the architect, owner and other consultants.
- Make recommendations to produce a design that reduces building energy use to meet the project goals.
- Develop, with the project team, a list of Energy Conservation Measures (ECMs) to capture significant opportunities for building energy savings. Coinciding with the design process, provide simulations of the building's anticipated energy savings with 8 to 10 ECMs. These ECMs shall address HVAC, lighting and building envelope options. The energy model will be used throughout schematic design and design development to inform design decisions.
- Attend a meeting to review the energy analysis report and discuss the ECMs that are most appropriate for the project.
- After review of and comments on the preliminary energy analysis report, revise and submit the final energy analysis report.
- Verify that all accepted ECMs have been incorporated into the construction documents.

ENVELOPE OPTIMIZATION

- Building envelope consulting supported with analysis that provides:
- Design opportunities to simultaneously improve natural light and manage visual comfort.
- Envelope criteria necessary to achieve energy objectives as well as to reduce HVAC component size in different space types and/or substitute HVAC solutions for passive design and natural ventilation solutions where appropriate.
- Preliminary solutions to envelope issues relating to thermal comfort.
- External shading proportions, preliminary glazing performance criteria and preliminary insulation and envelope mass requirements.
- An opinion of potential savings that could be realized through façade strategies improving indoor environmental quality metrics.

NATURAL VENTILATION/PASSIVE COOLING ANALYSIS

- Attend design meetings with the architect, owner and other consultants to discuss passive cooling and natural ventilation strategies.
- Provide simulations of one typical space type to be analyzed. The model will include anticipated loads for each zone (loads include people, computers, and lighting as well as the daylighting impact on lighting loads). The modeling process will analyze the passive cooling system to verify room inlet and outlet openings, room comfort, and the passive cooling system effect on energy consumption.

WATER CYCLE ANALYSIS

- Investigate water and rainwater reclamation system options for non-potable water use and present the design concepts to the team.
- Provide preliminary calculations for water savings.
- Deliver concept sketches of the water conservation measures.
- Provide preliminary coordination of size and location for the rainwater tank with the architect and Civil Engineer.

ON-SITE ENERGY PRODUCTION ANALYSIS

- Evaluate potential renewable energy design alternatives such as photovoltaic systems, solar thermal (hot water) systems, wind and other potential site-specific systems.
- Evaluate the potential for on-site energy production through cogeneration, fuel cells and other potential site-specific technologies.
- Analyze the site to determine appropriate PV and solar thermal array location and orientation.
- Calculate the PV and solar thermal system's estimated electricity production based on typical meteorological year data obtained from the National Renewable Energy Laboratory (NREL).
- Provide preliminary sizing of the PV and solar thermal array.
- Coordinate net metering with the electrical utility.
- Provide preliminary PV and solar thermal array structural requirements for the architect and other consultants (PV array support design is by others).

ENERGY LIFE CYCLE COST ANALYSIS (ELCCA)

- Perform an Energy Life Cycle Cost Analysis (ELCCA) for this project.
- Attend meetings with the architect and owner to discuss energy saving strategies for the project.
- Schematic Design
 - Prepare and submit the Work Plan outline the goals of the analysis.

- Provide a computer model of the building's anticipated energy savings with up to eight Energy Conservation Measures (ECMs). These ECMs shall cover HVAC, lighting, and building envelope options.
- Calculate expected life cycle costs for using ELCCA spreadsheets.
- Provide a report that summarizes the results of the ELCCA.
- Modify the report based on review comments.

INDOOR ENVIRONMENTAL ANALYSIS

- Quantify for the performance of passive system approaches in terms of occupant comfort per ASHRAE methods including PMV/PPD metrics.
- Attend meetings with the architect and owner to discuss the impacts of system approaches and operational set points as they relate to occupant comfort and energy performance.
- Provide information on the potential for increased occupant satisfaction and productivity.

HIGH PERFORMANCE BUILDING ANALYSIS SUMMARY DELIVERABLES

- Deliverables will include the following reports to inform project goals and design direction:
- High Performance Building Memo – Provides benchmark information and identifies the Owner's project requirements for future guidance and reference.
- Façade Optimization Report - Looks at how to balance the needs of low energy systems and comfort expectations with the architectural proportions and performance of the façade. The façade optimization report also includes integration with natural ventilation concepts and mechanical system selection and sizing.
- Energy & Carbon Report – Provides pathways to achieve the energy and carbon reduction target. Envelope performance, lighting, HVAC systems and user plug loads will be modelled and estimated to align energy reduction outcomes with the project budget. Energy will be measured in terms of CO₂, energy cost and EUI.
- Water Cycle Report - A water and wastewater efficiency study that communicates steps that could be taken to achieve various water and wastewater reduction targets and will help inform key design decisions concerning building systems to align water reduction outcomes with the project budget.
- Life Cycle Cost Analysis Report – The various energy and water conservation measures selected for more detailed financial analysis will be included with first, operating and life cycle cost (i.e. quantitative information) along with qualitative attributes, which will impact system selections such as comfort, acoustics and aesthetics.
- High Performance Building Analysis Report – This is a compilation of all the previous memos and reports issued for a comprehensive summary of the analysis, recommendations and decisions.

Fire Alarm Design Services

FIRE ALARM SYSTEM DESIGN

Performance Plus Documents for fire alarm system (Develop separate Fire Alarm (FA) Drawings for device layouts to code in plan view (initiating, notification and control devices). Coordinate Fire Alarm device layout and location with the project design team members

Technology Design Services

TELECOMMUNICATIONS SYSTEM DESIGN

- Telecommunications Data/Voice Systems Design
 - Integrated telecommunications data/voice distribution design, coordinated and compliant with industry standards and codes, Owner's telecommunications standards and site-specific requirements

- Outside Plant – design cabling to connect the new building to the nearest privately held connection facility or service provider’s minimum point of presence through in-grade support structures (duct- banks, vaults, hand-holes etc.)
- Coordination with Owner telecommunications department or service providers for available services and minimum points of presence
- Telecommunications Room and Space Design
 - Telecommunications service entrance room main point of entry (MPOE)
 - Main and/or building cross connect and distribution frame (MDF/BDF) design
 - Intermediate cross connect and distribution frame (IDF) design
 - Coordination of architectural, power and environmental needs of the technology systems located in the MDF/BDF/IDF spaces
- Building Cabling Systems
 - Backbone communications cabling (i.e. fiber, copper)
 - Horizontal cabling, work area outlets, patch and termination systems, and other passive connectivity
 - Wireless Network Cabling Design (Wi-Fi, IEEE 802.11) to support Owner provided wireless access points
- Cable / Master Antenna (CATV/MATV) or Satellite (SMATV) Television Distribution Systems
- Backbox rough-in, conduit raceways, cable trays and other support and pathway systems to support all building technology systems specified herein.

TWO-WAY COMMUNICATIONS SYSTEM DESIGN

- First Responder Emergency Broadcast Distribution Systems
 - Performance-based system documentation and horizontal pathway design for a Code-compliant public safety radio repeater design/build system
 - Distributed antenna (DAS) or other Code-compliant system basis
 - Coordinate requirements with Authority Having Jurisdiction (AHJ)
- Public Carrier Cellular Broadcast Distribution Systems
 - Performance-based system documentation and horizontal pathway design for a design/build system
 - Distributed antenna (DAS), Small Cell or other carrier-compliant system basis
 - Coordinate requirements with desired carriers
- Other Two-Way Communications Systems
 - Building entrance intercom systems
 - Code-compliant area of refuge/rescue command unit and call stations
 - Emergency “blue light” telephones

AUDIOVISUAL SYSTEM DESIGN

- Presentation and conferencing systems
 - Multi-media presentation systems, including display and sound systems, video conferencing, switching, distribution and control systems
 - Provide up to three (3) unique designs for technology-enabled classroom, lab and conference spaces
 -
- Background/foreground music systems
- Public address systems
- Digital signage systems
- Room scheduling systems
- Sound masking systems
- Equipment support and space allocation design and coordination
- Coordination of architectural, power, cooling and structural needs of audiovisual system

components

ELECTRONIC SAFETY AND SECURITY SYSTEM DESIGN

- Video Surveillance Systems
 - Fixed and PTZ camera specification
 - Cabling and distribution system
 - Headend management, monitoring, and archival system
- Physical Access Control Systems
 - End device sensor and alarm specification
 - Cabling and distribution system
 - Headend management and monitoring system
 - Door Hardware Coordination (Div. 8)
- Intrusion Detection Systems
 - End device sensor and alarm specification
 - Cabling and distribution system
 - Headend management and monitoring system
- Mass Notification/Emergency Communications Systems

LEED Certification Support Services **LEED ASSUMPTIONS**

- LEED NC v4 is the certification standard.
- The architect or a separate consultant will be the LEED certification champion.
- The Revit model will include enough detail for material and quantity take-offs to be used for the Life Cycle Assessment.

LEED TRACKING AND DOCUMENTATION

- Attend LEED credit review and strategy meetings.
- Track the progress of mechanical/electrical design elements in relation to the USGBC LEED rating system.

LEED TRACKING AND DOCUMENTATION

- Attend LEED credit review and strategy meetings.
- Track the progress of mechanical/electrical design elements in relation to the USGBC LEED rating system.
- Prepare mechanical/electrical documentation for the formal LEED application including specific Prerequisites and Credits.

Herrera

Herrera's work will include preliminary civil investigations such as identifying points of connection for utilities refining the project site limits, setting floor elevations, determining setbacks and coordinating site water management strategies. We will contact entities providing utility services to the project, develop schematic site plan and prepare drawings with an outline narrative showing technical site engineering and storm water detention. Our documents will identify site features with a focus on hardscape and we will prepare a preliminary site grading strategy. During this phase we will start preliminary coordination with MEP/FP, verify site utilities and prepare a preliminary underground utilities plan once we verify that survey and existing conditions information is sufficient. Deliverables for this phase are listed below.

Subtasks and activities during this phase include:

- Attend workshops and work sessions when required with stakeholders and COR
- Develop Schematic Civil Engineering Design
- LEED Design and Documentation

Deliverables:

- List of Specification Sections to be produced and include in project narrative
- Schematic Civil Engineering Cost Estimate
- 80% Schematic Design Phase Drawings
- 80% Schematic Design Phase Narrative
- 100% Schematic Design Phase Drawings
- 100% Schematic Design Phase Narrative

Groundswell

At the start of the phase Groundswell will meeting with Opsis and the City of Redmond to review goals of the Schematic Design phase, discuss budget, schedule and establish project timetable, permitting and entitlement milestones and deliverables. We plan to participate in one workshop Conduct Workshop, attend the Sustainability Charette, and coordinate our effort though MS Teams meetings with design team. We will assist team in preparing LEED documentation package relevant to Groundswell's scope of work. We will produce both 80% and 100% Schematic Design Phase documents, assist Opsis | JA with entitlement submittal and Prepare a rendered site plan.

Subtasks and activities during this phase include:

- Attend kickoff meeting with Opsis and the City of Redmond to review goals of the 30%
- Schematic Design phase, discuss budget, schedule and establish project timetable, permitting and entitlement milestones and deliverables.
- Conduct Workshop No. 6 with Opsis, design team and client.
- Attend one (1) Sustainability Charette.
- Attend four (4) conference calls with design team to coordinate our efforts.
- Assist team in preparing LEED documentation package relevant to Groundswell's scope of work. The LEED sections that Groundswell will be responsible for assisting with will include:
 - Bicycle Facilities
 - Protect and Restore Habitat
 - Open Space
 - Rainwater Management
 - Outdoor Water Use Reduction
 - Heat Island Reduction
- Conduct Workshop No. 7 with Opsis, design team and client.
- Advance 80% Schematic Design Phase documents for internal coordination and initial cost estimate. Deliverables include:
 - Tree Protection Plan
 - Grading Plan
 - Layout Plans
 - Materials Plan
 - Soil Preparation Plan
 - Irrigation Conceptual Zone Plans (includes point of connection, mainline routing, and irrigation valve locations)
 - Planting Area Plans noting plant types (i.e. tree, shrub, and groundcover), not specific plant species.

- Specifications in CSI outline format
- Review cost estimate prepared by DCW.
- Facilitate Value Engineering efforts based on the 80% cost estimate, if necessary, to bring project into budget goals.
- Meet with Opsis and City of Redmond to review 80% Design Development Submittal and receive approval to proceed.
- Assist Opsis with Entitlement submittal including:
 - Attend pre-application meeting with City Officials.
 - Assist team in preparing initial submission and design narrative.
 - Update submission to indicate final design solutions.
- Prepare one (1) rendered site plan and assist Opsis with one (1) perspective renderings.
- Attend one (1) review meeting with Opsis and design team to coordinate our efforts and advance Schematic Design Drawings.
- Develop and submit 100% Schematic Design Phase Drawings. Deliverables include:
 - Tree Protection Plan
 - Grading Plan
 - Layout Plans
 - Materials Plan
 - Soil Preparation Plan
 - Irrigation Conceptual Zone Plans (includes point of connection, mainline routing, and irrigation valve locations)
 - Planting Area Plans noting plant types (i.e. tree, shrub, and groundcover), not specific plant species.
 - Develop SD narrative
- Meet with the City of Redmond to review the Schematic Design Submittal and receive approval to proceed with Design Development.
- Conduct Open House #3 with the Redmond Community. We will present our 100% Schematic Design Plan and relevant materials, plant palettes and precedent imagery.

Deliverables:

- Irrigation Conceptual Zone Plans (includes point of connection, mainline routing, and irrigation valve locations)
- Planting Area Plans noting plant types (i.e. tree, shrub, and groundcover), not specific plant species.
- 80% Schematic Design Phase Drawings
- 80% Schematic Design Phase Narrative
- 100% Schematic Design Phase Drawings
- 100% Schematic Design Phase Narrative

LittleFish Lighting

LittleFish Lighting, Inc. (LFL) will act as the lighting designer of record and lead the lighting design effort. Design support, production and calculation assistance, and other specialty tasks, may be provided by sub-consultants to LittleFish Lighting, as needed. LFL will provide schematic lighting design for, Exterior vehicular approach, Surface parking lighting, Pedestrian pathway lighting, Main building exterior lighting, Interior lighting of programmed spaces, Interior circulation spaces, Outdoor amenity lighting for hardscaped areas and Sammamish trail connection

Subtasks and activities during this phase include:

- Schematic Design Kick-off meeting
 - Review selected concept design. Assumed to be via electronic means, at this time.

- Lighting specific meetings with design team. (Six Total)
- Review and understanding of preliminary architectural and landscape design, and owner project requirements.
- Conduct preliminary studies and analysis of requirements.
- Make recommendations for efficient lighting systems based on past experience and analysis studies.
- Coordinate with design team members.

Deliverables:

- Schematic Design Narrative laying out lighting needs, requirements, concept and strategy
- Marked up PDFs provided by Architect/Landscape Architect showing initial lighting locations
- 80% Schematic Design Phase Drawings
- 80% Schematic Design Phase Narrative
- 100% Schematic Design Phase Drawings
- 100% Schematic Design Phase Narrative

Stantec

The following architectural acoustics and mechanical system noise and vibration control scope is included in this Proposal:

Architectural Acoustics is the creation of a desired interior acoustical atmosphere, or the control of sound transmission between adjacent rooms or spaces. For interior acoustic issues, we will prepare preliminary and final acoustical designs relating to surface treatments. For sound transmission between adjacent spaces, we will recommend appropriate wall, ceiling, window, and opening types to provide the necessary acoustic separation, and will provide details of construction (wall joints, connections, penetrations, caulking, etc.) coordinated with applicable design disciplines to integrate acoustical remediation where and as required for desired acoustical performance.

Mechanical System Noise and Vibration Control addresses (a) Duct-borne noise which is created predominantly by fans and travels through ductwork into occupied spaces; (b) Airborne noise which radiates from the mechanical space into surrounding occupied areas; and (c) Structure-borne noise which is induced by vibration of the mechanical equipment and is perceived as noise in surrounding spaces. We will define the acceptable mechanical noise for each occupied room based upon generally accepted criteria; calculate expected noise levels from information provided in the mechanical design documents and by communication with the mechanical systems' designers as design progresses; and provide recommendations, details and specifications as required to reduce noise and vibration produced by the systems to appropriate performance criteria

Subtasks and activities during this phase include:

- Discuss project's acoustical goals and establish and coordinate acoustical criteria to achieve the project's goals.
- Develop a narrative describing Acoustical design criteria, preliminary architectural acoustics design concepts, and early consideration for the mechanical system noise and vibration control.
- Attend virtual meetings as needed to coordinate the design
- Provide plan mark-ups to the design team for incorporation in the schematic design drawings.

Deliverables:

- Acoustical design criteria narrative
- Acoustical design criteria drawing mark-ups

Halliday Associates

HA will provide Food Service Design for the Redmond Senior and Community Center Project. They will assist the design team in layout, space requirements and equipment selection for a catering kitchen. They will work with the consultant team to coordinate equipment requirements with mechanical, electrical and plumbing scopes.

Subtasks and activities during this phase include:

- Develop conceptual design plans from dimensioned architectural plan furnished by Opsis.
- Provide Food Service narrative.
- Prepare preliminary cost estimate.
- Prepare preliminary Food Service specification.

Deliverables:

- Kitchen layouts with equipment and storage requirements
- Food service cost estimate for incorporation in project cost estimate
- Preliminary Food Service specification for inclusion with project narrative

Code Unlimited

Code Unlimited will provide support for code compliance requirements for the site and building program areas for the Schematic Design phase.

Subtasks and activities during this phase include:

- Attend one (1) kickoff meeting with the Design Team to establish compliance framework and streamline code compliance and documentation for the project.
- Provide Fire & Life Safety review of 50% Schematic Design drawings and provide mark-ups on the drawings in PDF format. This may include code clarifications and indicating areas of deficiencies, concern, or need for verification.
- Provide memo for the Feasibility Study Analysis of construction type using mass timber and occupancy separation for the different building programs.
- Attend one (1) meeting with the Design Team to review drawing mark-ups and identify key issues.
- Provide up to four (4) hours of addressing questions from the Design Team, including time for research and discussion on potential strategies for alternate compliance paths.
- Questions will be addressed in written format for clarity

Deliverables:

- Provide one (1) Fire & Life Safety review of 50% Schematic Design drawings and provide mark-ups on the drawings in PDF format. This may include code clarifications and indicating areas of deficiencies, concern, or need for verification.
- Provide one (1) memo for the Feasibility Study Analysis of construction type using mass timber and occupancy separation for the different building programs.

DCW

DCW will provide a probable construction cost estimate during Schematic Design including all elements as necessary for a complete cost estimate. The cost estimate will be prepared in Uniformat II

component format. A final revision to the construction cost estimate will be provided after review and commentary by the design team and COR. DCW will provide ongoing cost advice throughout the design period to evaluate alternative designs, materials and methods of construction. If required DCW will prepare a reconciliation comparative report identifying anomalies. Reconcile design cost with the contractor in virtual meetings to achieve maximum 5% cost difference and identify project risks during reconciliation and update risk register in order to prepare a final reconciliation report.

Subtasks and activities during this phase include:

- Prepare an opinion of probable construction costs
- Cost estimate will be prepared in Unifomat II component format.
- Prepare a final revision to the opinion of probable construction cost
- Provide ongoing cost advice
- Prepare a reconciliation comparative report
- Reconcile design cost with the contractor
- Identify project risks during reconciliation

Deliverables:

- 80% Schematic Design Phase opinion of probable construction costs
- Final revision to the opinion of probable construction costs
- Prepare a final reconciliation report (if required)

SITE INVESTIGATIONS AND ENVIRONMENTAL PERMITTING

The Geotechnical Report will be initiated with mobilization and drilling at the start of the project. The report will be completed during the concept design phase with the findings incorporated into the project concept design. Information from the completed study will be incorporated into the final concept design. Site Survey and Environmental Study with verification of the Critical Area Buffer delineation and potential mitigation strategies will be initiated during the first month of the project. These surveys will provide a baseline for the building layout, environmental planning, and City of Redmond entitlements. The Parking Study will be initiated during the space programming phase and may include a larger view of the available campus-wide parking resources as part of the need analysis.

Herrera

Herrera will work with the design team and COR to Provide background data and research to assist in the environmental perming of the project.

Subtasks and activities during this phase include:

- Background data research
- Field Work: Flag Ordinary High-Water Mark & wetlands reconnaissance

Deliverables:

- Sketch/GIS drawings of OHWM flagging for survey information and Survey QAQC
- Draft Critical Areas Report & Mitigation, Concept design and cost estimate
- SEPA @ Concept Design
- Permitting Narrative and Figures (JARPA form)

- Permitting Pre-application Meeting

Johnston Architects

JJA will, with the rest of the design team and the City of Redmond Planning Department, strategize methods of truncating the entitlements process to reduce risk to the schedule and to build back quickly such an important missing piece of the Redmond community.

Subtasks and activities during this phase include:

- PREP and Pre-App Conference (2)
- Technical Committee review of proposed permitting and entitlement strategy
- Neighborhood Meetings (anticipated)
- Land Use Plan Set Development and review
- Land Use application
- Design Review board meetings (2)
- Consultant coordination – Primarily landscape and civil
- Fire Marshal meeting (2)

Deliverables:

- Land Use Plan Set
- Land Use application

AESI Engineering

We propose to evaluate subsurface conditions by means of approximately two exploration borings and two Cone Penetration Tests (CPTs) performed at strategic locations around the proposed building footprint, using a truck-mounted or track-mounted drilling rig operated by a subcontractor. Each exploration will be advanced to a depth ranging from about 30 to 50 feet below surface grades, depending on the specific location and soils encountered. An Associated Earth Sciences, Inc. (AESI) geologist or engineer will continuously observe the drilling operations, log the subsurface conditions, and collect representative soil samples. Geotechnical samples will be obtained at 2.5- to 5-foot-depth intervals using Standard Penetration Test (SPT) procedures.

After completion of drilling and logging, each exploration borehole will be backfilled with bentonite, and the surface will be patched with concrete or asphalt to match the existing surface. No additional restoration is included in this proposal. All drill cuttings will be left onsite in landscaping areas or other inconspicuous locations acceptable to the property owners.

Subtasks and activities during this phase include:

- Long-term monitoring of groundwater levels below the site
- Install a monitoring well in one of our boreholes consisting of a 2-inch-diameter plastic pipe with a slotted section and sand backfill near the bottom.
- Flush-mount steel monument and lock will be placed over the well head for protection.
- Monitoring well will provide information related to future site excavations

- Can also be used by project team members for dewatering design, building envelope design, Critical Aquifer Recharge Area (CARA) studies, or other purposes. Our scope will include one groundwater measurement several days after drilling and the installation of a data logger. The data logger will provide continuous water level data and can be downloaded on a monthly basis throughout the winter to determine the high-water level in the wet season.
- One-call utility locate request to mark publicly owned on-site utilities. It should be noted that any privately-owned underground utilities at the site will not be marked by the public locating service.
- Contract with private utility locating service to supplement the public locate. Private utility locating services can mark electrically conductive utilities, such as power lines, steel water and gas lines, and plastic pipes with clearly visible trace wires.
- Request as-built plans or other information regarding existing pipes, drainfields, underground storage tanks (USTs), and/or vaults. This information will greatly reduce—but not necessarily eliminate—the likelihood of damage. The design team shall not be responsible for damage to buried utilities that are not marked on the ground prior to our work, or not shown on as-built plans provided to us.
- Selected soil samples for in-house geotechnical laboratory for testing.
 - scope of work will include up to four grain-size (sieve) tests and moisture content tests, as deemed appropriate. Tests will allow for preliminary characterization of the soil's structural fill potential and infiltration potential.
- Analyze all data and provide a geotechnical report that presents findings, measurements, conclusions
- Provide recommendations.

Deliverables:

- A site plan showing our subsurface explorations in relation to existing and/or proposed features;
- Interpretive exploration logs and laboratory test results;
- Discussion of subsurface soil and groundwater conditions;
- Summary of inferred geologic hazards and recommended mitigations, including an assessment of seismic liquefaction potential;
- Interpreted seismic soil profile based on the 2018 *International Building Code* (IBC);
- Preliminary assessment of soil infiltration feasibility based on grain-size distribution;
- General site preparation recommendations;
- Wet weather considerations for site earthwork;
- Structural fill recommendations, including potential use of on-site soils as structural fill;
- Recommendations for footing or mat foundation support (if appropriate), including subgrade preparation, minimum footing dimensions, allowable bearing capacities, and estimated settlements;
- Preliminary recommendations for deep foundation support (if warranted), including suitable pile types, typical bearing capacities, and estimated settlements;
- Recommendations for a slab-on-grade basement floor;
- Recommendations for site and building drainage;
- Recommendations for additional exploration or testing, if warranted.

Global Transportation

The expansion of the Redmond Senior and Community Center will need to address additional parking demand that will be associated with the proposed improvements. GTEng will conduct an existing parking inventory. The inventory will be conducted on a campus wide basis and will separate out the areas anticipated to be utilized by the proposed Senior Center which includes the Senior Center Lot, parking

structure and transit lot. The limits of the study are confined to the municipal campus and does not include parking that may be within the public right-of-way (on-street). The Campus existing inventory will be graphically represented and summarized in an existing inventory document for City and Stakeholder review. Study scope will include estimating existing parking utilization for the Senior Center Lot, parking structure and transit lot. This will be based on the City's existing parking code, available parking data and studies the City may have available, and ITE parking data. This evaluation does not include actual field counts due to the current health crisis. The study will identify anticipated peak parking periods based on published data.

Subtasks and activities during this phase include:

- Stakeholder Meeting – A stakeholder meeting will be held at the beginning of the project to identify existing parking needs, concerns and to identify project limits. GTEng will coordinate with the City in advance to identify stakeholders to be part of the meeting.
- Advisory Committee Meetings – Up to two advisory committee meetings will be held to review existing parking analysis and proposed future parking needs. These meetings will be held virtually with the design team and City staff. The intent of these meetings is to ensure GTEng and the City has a good understanding of the existing parking inventory, needs and concerns and that stakeholders are informed and in agreement on future parking needs. The meeting will help form the content of the parking study. Each meeting is estimated at two hours.
- The existing inventory will be validated via an on-site field visit.
 - Number of Spaces
 - Parking Restrictions
 - Private vs Public
 - Structure vs Lot
 - Disabled Parking
 - Type of Parking (i.e. parallel, diagonal, head-in)
 - Perceived issues and safety concerns with intersections and pedestrian crossings
- Estimate existing parking utilization for the Senior Center Lot, parking structure and transit lot.
- Coordinate the methodology that will be used to develop the existing conditions with the City and Stakeholders to ensure there is agreement
- The existing Senior Center Lot Parking Generation will be summarized in an occupancy study document for City and Stakeholder review.
- Coordinate the methodology that will be used to develop the existing conditions with the City and Stakeholders to ensure there is agreement. Develop methodology memo to document the process.
- Summarize Senior Center Lot Parking Generation in an occupancy study document for City and Stakeholder review.
- Document comments received to be included in a summary report
- Develop future parking demand for the Senior Center Downtown Area.
- Parking demand based on land use and gross square footage of buildings for the Senior Center expansion
 - Number of parking stalls needed per 1,000 square feet of building, ITE Parking Generation Manual and City Parking Code.
 - Summarize future parking demand for review by City and Stakeholders.
- Identify current parking management practices in use on the Campus and future parking management strategies the City may consider for discussion.
- Conduct campus wide evaluation of parking lot wayfinding signing.
- Evaluate wayfinding improvements for motorists to better locate the appropriate lot that is associated with the activity or building they are visiting. This will help in improving parking efficiencies. The parking wayfinding evaluation will be graphical in nature.
- Summarize parking management strategies for City and Stakeholder review.
- Summarize the tasks listed deliverables listed into final Parking Strategy Report.

- Report will include the deliverables from each task identified plus resolution of comments received from stakeholders.
- Provide a draft study to the City and Project team for a final review. Comments received on the draft document will be incorporated into the final Parking Strategy Report.

Deliverables:

- Coordination and attendance at up to three meetings
- Meeting agendas
- Meeting minutes
- Draft Inventory Figure
- Draft Existing Inventory Document
- Methodology Memorandum
- Draft Occupancy Study Document in electronic format
- Draft Parking Management Study Document in electronic format
- Draft Parking Strategy Report in electronic format
- Final Parking Strategy Report in electronic and hardcopy

True North Land Surveying

Provide signed and stamped boundary and topo survey that will show all surface features and below grade utilities typical for a site design. Survey will include finished floor elevations and elevations at primary building entrances within the survey limits including the Redmond Police Station, City Hall and parking structure.

Subtasks and activities during this phase include:

- Location of the next upstream and downstream sewer manhole(s) and inverts beyond the survey limits shown for all sewer and storm lines.
- Ramps and their respective slopes.
- Location of overhead or underground utility service lines to the building(s).
- Location of any rock outcroppings.
- Perimeter outline of thickly wooded areas including shrub, brush and understory areas.
- Locate curb cuts, driveway locations and provide spot elevations. Include top and bottom of curb elevations at curb cuts, as well as centerline elevations.
- Informal paths, walls and seating areas
- Character and location of walls, building, fences, visible utility structures, or other visible improvements within 5-feet of the property boundaries.
- Spot elevations on paving or hard surfaces to the nearest 0.01-foot, on other surfaces to the nearest 0.10-foot.
- Spot elevations on a 25-foot grid, on pedestrian surfaces, within survey limits.
- Spot elevations at all steps and walls (top of step, bottom of step, top of wall bottom of wall) and changes in pavement surfacing.
- Spot elevations at all pavement corners when there's a change in direction.
- 1' contour interval within the survey limits and to at least 5' beyond limits Show location of all visible structures (e.g., fences, walls, walkways, bridges, driveways, etc.), paving, and other improvements within the survey limits.
- Illustrate score joints within pedestrian paving areas south of the Senior Community Center.
- Accurately differentiate all pavement types (concrete, asphalt, etc).
- Water surface elevation and date of measurement of any body of water within the survey limits.
- Perimeter outline of thickly wooded areas including shrub, brush and understory areas.

- Location of 6-inch diameter and over trees, stumps, snags, and downed logs (measured 4.5 feet above the ground)
- Provide common name of tree. Conifer and Deciduous
- Provide diameter of tree trunk at 4.5 feet above the ground.
- Provide spot elevation at base of tree.
- Location of tree drip-line for all identified trees within the survey limits.
- Sammamish River Ordinary High Water Mark flags by Herrera and current edge of water

Deliverables:

- Electronic files:
 - AutoCAD DWG file (version 2019 preferred) using AIA layering standard
 - ASCII Point file
 - LandXML of the existing grade surface
- 30" x 42" stamped PDF sheet(s) on Project title block provided by Architect
 - Datum:
 - Horizontal: Washington State Plan North, NAD 83 (91-Ham) Coordinate System
 - Locate project in the City of Redmond's vertical datum (NAVD 88) and tie the project to two
 - (2) City of Redmond Vertical Control Datum benchmarks
- Provide legend of all symbols and abbreviations used.
- Locate and show north arrow on drawing.
- Show legend of all symbols and abbreviations used.

PROJECT WEBSITE

Envirolssues

Digital engagement will play a prominent role from 2021 through opening day and beyond. A robust project website, separate from materials on the city's main website, will provide timely and useful information to the public, support tools for input (such as embedded poll questions), and offer a platform for drawings and design files to be seen and understood by stakeholders.

This task will recommend and develop an easy-to-use site navigation structure and include ongoing site maintenance for the during of the project.

Other assumptions:

- If the website will be transferred to the city at some point in the future, Wordpress is the recommended platform (otherwise, Orchard)
- Project website will be in English, with Google Translate
- Purchase of a two-year domain license
- Current branding and logo for Redmond's Community Centers will be used, with some minor tweaks to icons and tagline if necessary
- Approved content provided by city staff and Opsis before design work begins
- Bi-monthly uploads; "on-demand" or same-day uploads will be assessed depending on staff availability before close of business

Subtasks and activities during this phase include:

- Design and set up
 - Wireframe set up of new site, acquiring domain name license

- Web content
- Coordination with City and Opsis for original content, images
- Accessibility
 - Accessibility checks for those who are visually impaired
- Launch
 - Testing, QC and launch
- Ongoing maintenance
 - Regular uploads of new materials

Deliverables:

- Hosting of project website
- Inventory of PDF files posted to the site

PROJECT SCHEDULE

We have developed a Programming | Concept Design and Schematic Design Schedule as well as a preliminary overall Project Schedule that is included at the end of the scope of work. The Programming | Concept Design and Schematic Design Schedule is based on a high level of community engagement with the Project Stakeholder Group, other project stakeholders ranging from seniors to teens, culturally diverse groups, and the underserved.

Design Team Introduction Meeting (Dec 14)

- Introduce Design Team
- Review Project schedule / process

COR Meeting 3

COR Meeting 4

Space Programming / Concept Design

SG Kick-off / Workshop-1 (Jan 11)

- Discuss project goals and guiding principles
- Review preliminary space program options
- Discuss cost recovery goals
- Review site and parking analysis

COR Meeting 5

COR Meeting 6

SG Workshop-2 (Jan 25)

- Review refined program options
- Review cost model and cost recovery
- Review preliminary concept options

COR Meeting 7

COR Meeting 8

SAC Update (Jan 26)

Parks & Trails Commission (Feb 4)

Arts & Culture Commission (Feb 11)

SAC Update (Feb 23)

Virtual Open House (Feb 24)

SG Workshop-3 (Mar 1)

- Review final space program & cost recovery
- Review refined concept design options
- Review preliminary building massing

COR Mtg-9
COR Mtg-10

Parks & Trails Commission (March 4)
City Council study session/briefing (March 9)
Arts & Culture Commission (March 11)

SG Workshop-4 (March 22)
- Review refined select concept options
- Review refined building massing
- Select preferred concept design

COR Mtg-11
COR Mtg-12

Cost Estimate (March 22-April 2)
Cost Reconciliation / Project Review (April 5-9)

SAC Update (Mar 23)
Virtual Open House (Mar 24)
Parks & Trails Commission (April 1)
Arts & Culture Commission (April 8)
City Council Update (April 20)

Schematic Design
Sustainability Charette

- Establish energy usage goals
- Establish renewable material usage goals

SG Workshop-5 (April 26)
- Review schematic design cost estimate
- Review SD schedule and process
- Review design refinements

COR Mtg-13
COR Mtg-14

SAC Update (April 27)
Parks & Trails Commission (May 6)
Arts & Culture Commission (May 13)

SG Workshop-6 (May 24)
- Review final space program & cost recovery
- Review refined concept design options
- Review preliminary building massing

COR Mtg-15
COR Mtg-16

SAC Update (May 25)

SG Workshop-7 (June 21)
- Review final schematic design
- Review exterior character / materials
- Review interior character

COR Mtg-15
COR Mtg-16

Cost Estimate (June 21-July 2)
Cost Reconciliation / Project Review (July 5-19)

SAC Update (June 22)
Parks & Trails Commission (July 1)
Arts & Culture Commission (July 8)
City Council Update / Approval (July 27)

FEE

Proposed fee for the Programming, Concept Design and Schematic Design phase of the Redmond Senior and Community Center are include in (Exhibit D) Consultant Fee Determination. The fees includes labor rates for 2021 and the design team expects the opportunity to review and raise labor rates for 2022 and beyond.

Please feel free to reach to me or Chris Roberts if you have any questions. We look forward to working with you on this signature “quality of life” facility for Redmond’s seniors and the greater community.

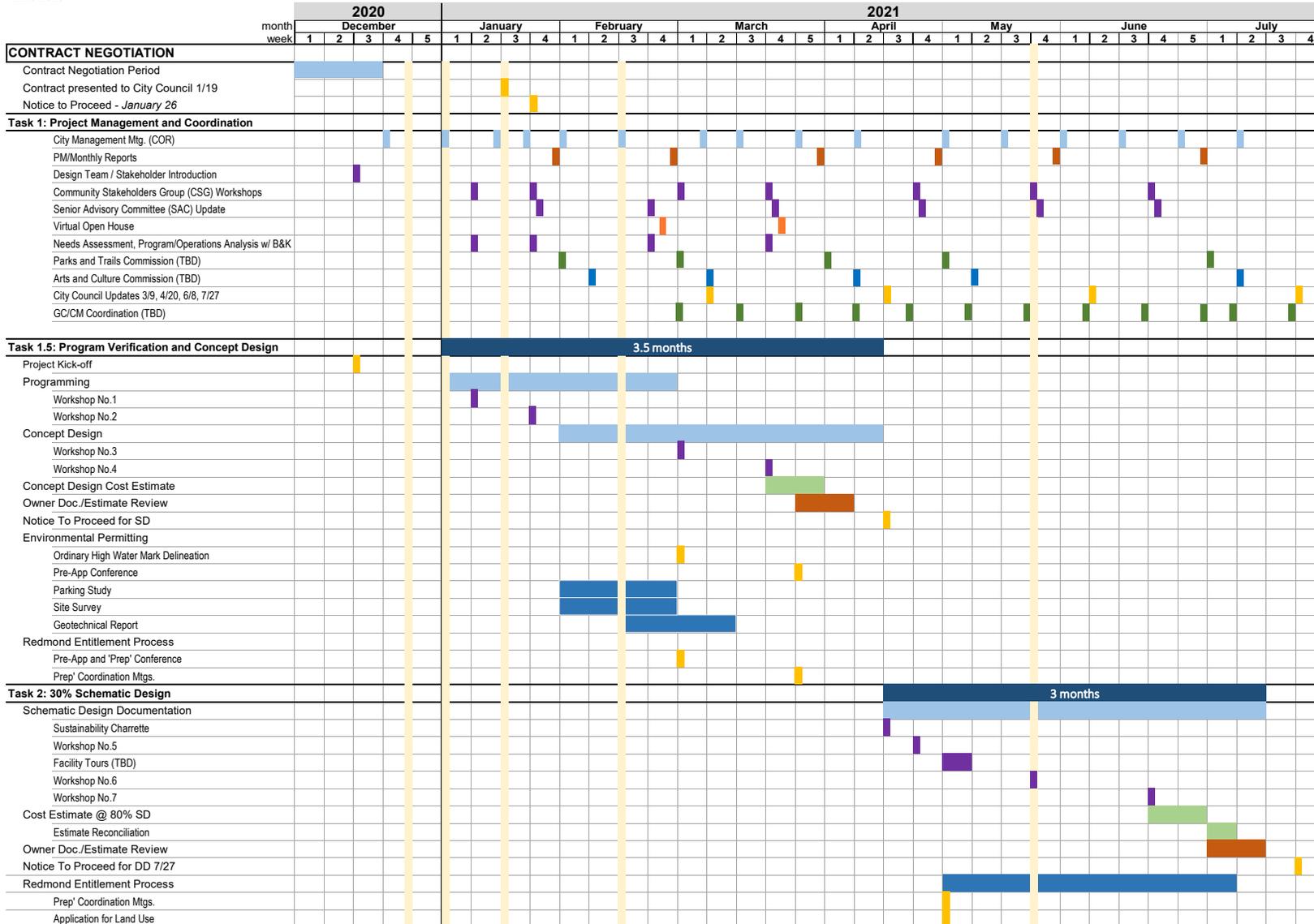
Sincerely,



James G. Kalvelage, Partner, FAIA, LEED AP BD+C
Opsis Architecture, LLP

REDMOND SENIOR COMMUNITY CENTER PROGRAMMING | CONCEPT DESIGN & SCHEMATIC DESIGN SCHEDULE

12.20.2020



**City of Redmond Holidays [Yellow Box]
 **SAC Meets 4th Tuesday of every month

REDMOND SENIOR COMMUNITY CENTER PRELIMINARY PROJECT SCHEDULE

12.20.2020

	2020		2021												2022					2023			
	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A-D	J-N
CONTRACT NEGOTIATION																							
Notice to Proceed																							
DESIGN DOCUMENTS																							
Stakeholder Group Integration																							
Stakeholder Group Integration																							
Task 1.5: Program Verification and Concept Design																							
Programming																							
Concept Design																							
Concept Estimate																							
GC/CM Selection Anticipated																							
Task 2: 30% Schematic Design																							
30% Cost Estimate																							
Owner Doc./Estimate Review																							
Notice To Proceed																							
Task 3: 60% Design Development																							
60% Cost Estimate																							
Owner Doc./Estimate Review																							
Notice To Proceed																							
Task 4: 90% Construction Documents																							
90% Cost Estimate																							
Owner Doc./Estimate Review																							
Notice To Proceed																							
Task 5: 100% Construction Documents																							
100% Cost Estimate																							
Issue Doc. for Construction																							
Notice To Proceed																							
Site Studies and Reports																							
Parking Study																							
Mobilize for Site Drilling																							
Geotechnical Report																							
Site Survey																							
Environmental Permitting																							
Ordinary High Water Mark Delineation																							
Pre-App Conference																							
SEPA Review																							
Environmental Critical Areas Permit Review																							
Redmond Entitlement Process																							
Pre-App and 'Prep' Conference																							
Prep' Coordination Mtgs.																							
Application for Land Use																							
Land Use Review																							
Design Review Board Meetings (3)																							
Pre-App																							
Consultation																							
Decision																							
Notice of Land Use Decision																							
Application for Civil Construction Drawing Review																							
Civil Construction Drawing Review																							
Application for Building Permit																							
Building Permit Review																							
Building Permit Issued																							
Task 7: Subcontract Bid Support																							
Task 8: Construction Administration May 2022																							
PROJECT COMPLETION FALL 2023																							
City Management Mtg. (33)																							
PM/Monthly Reports (16)																							
Community Stakeholders Group (CSG) Workshop																							
Community Stakeholders Group (CSG) Update																							
Community Surveys through Let's Connect																							
Public Open House																							
Planning Staff Meeting																							
GC/CM Coordination																							
Facilities Operations Review w/B&K (7)																							
Sustainability Charrette																							
City Council Presentations (5)																							

Exhibit B
DBE Participation Plan

In the absence of a mandatory UDBE, the Consultant shall continue their outreach efforts to provide SBE maximum practicable opportunities.

Redmond Senior Center Disadvantaged/Small Business Enterprise Participation Plan

In order to meet the City of Redmond voluntary SBE goal amount of ten percent, Opsi has included a number of certified disadvantaged businesses on our proposed team. These are:

Role	Firm	Cert.
Structural Engineer	Lund Opsahl	DBE/WBE
Traffic Engineer	Global Transportation Engineering	DBE/M/WBE
Lighting	LittleFish Lighting	M/WBE
Wayfinding / Signage	Mayer/Reed	WBE
Cost Estimating	DCW Cost Management	WBE
Public Engagement	EnviroIssues	DBE/WBE

Per our estimate for labor hours in the main body of the proposal, this team’s share of work easily exceeds the ten percent minimum goal set by the City of Redmond.

Continued Outreach

Opsi is guided by the following outreach activities to secure the services of MWESB-certified businesses to work with us, as members of the architectural, planning and engineering teams:

- Monitor and use the Washington State Office for Minority and Women’s Business Enterprises existing directory and monthly update of newly certified firms, when considering adding qualified firms for subconsulting opportunities; as well as lists developed by other municipalities and agencies where we do business.
- Educate business development and professional staff on how to foster the engagement of MWESB-certified firms in the pursuit of projects.
- Participate in seminars and outreach events oriented toward identifying MWESB-certified firms and encouraging their participation in projects; to share practices with partner organizations and solicit new teaming partners.

With MEP and Structural Engineering, we often team with larger firms, who then subcontract that work with MWESB-certified consulting firms. In lieu of relegating lesser and siloed tasks to this contracted work, we invite member(s) of those firms to physically co-locate within the larger MEP or Structural Engineering offices; working hand-in-hand with them on a wide variety of engineering tasks for the entirety of the project. For your project, we may request that PAE will work with Whole Building Solutions, Samata Consulting Engineers or other local certified firms on MEP scope, for example.

Design and Bidding Considerations

Opsi is very familiar with the capabilities of smaller firms in the construction market and the available trades and specific building systems that can be packaged in construction sub-bids to encourage small firm participation. We will work closely with the selected GC/CM to maximize opportunities for participation, drawing upon the GC/CM’s knowledge of the Redmond construction climate.

On a recent set of projects for Columbia Gorge Community College in The Dalles area, for example, Opsi designed primarily with wood structures that allowed for a wide range of local sub-contractors to participate in the work. For the Richland City Hall project, we worked with local sub-contractors to develop an economical precast panel cladding for the building based on the trade skills of local suppliers.

Working with both the Owner’s Representative and the GC/CM, we will initiate programs to inform and educate the local contractor base well in advance of the bid dates to provide them the opportunity of time to plan for upcoming projects and actively encourage them to bid on the projects. The recent rapid growth of Redmond, proximity to Seattle and changing market conditions have greatly increased the capacity and skill base of the region for larger projects like the Redmond Senior Center.

We recommend the GC/CM and design team engage with state and local agencies to establish a project-specific construction contractor outreach plan, including the entities listed below. In this time of pandemic/economic uncertainty, we recognize that specialized resources may be needed and best found through a consortium of organizations offering business and financial resources to disadvantaged contracting businesses.

Outreach contact points include:

- OneRedmond
- Washington Procurement Technical Assistance Center (PTAC)
- National Association of Minority Contractors (NAMC)
- Northwest Mountain Minority Supplier Development Council (NMSDC)
- Seattle Community Capital Development
- Washington State Small Business Development Centers

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

Autocad
Civil 3D
Other cad products as required

B. Roadway Design Files

N/A

C. Computer Aided Drafting Files

Autocad
Revit

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

N/A

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

Revit for coordination with GC/CM
PDF

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

Record Drawings

II. Any Other Electronic Files to Be Provided

N/A

III. Methods to Electronically Exchange Data

email
sharepoint

A. Agency Software Suite

Microsoft Office

B. Electronic Messaging System

email

C. File Transfers Format

varies

Exhibit D
Prime Consultant Cost Computations

Exhibit D

Consultant Fee Determination

Project Name: Redmond Senior & Community Center
 Project Number: 50022024.05.01.02
 Consultant: Opsis Architecture

NEGOTIATED HOURLY RATES

Classification	Hours	DSC	Overhead 200%	Fee (Profit) 26%	Total Hourly Rate	Total
Partner/Senior Designer	240	\$ 81.00	\$162.00	\$20.70	\$264	\$63,287
Project Manager	372	\$ 63.00	\$126.00	\$16.10	\$205	\$76,296
Project Architect	580	\$ 54.00	\$108.00	\$13.80	\$176	\$101,962
Architect 5/6	515	\$ 43.00	\$86.00	\$10.99	\$140	\$72,093
Architect 4	610	\$ 40.00	\$80.00	\$10.22	\$130	\$79,434
Interior Designer	128	\$ 30.00	\$60.00	\$7.67	\$98	\$12,501
Sustainability Coordinator	90	\$ 45.00	\$90.00	\$11.50	\$146	\$13,185
Project Assistant	160	\$ 30.00	\$60.00	\$7.67	\$97.67	\$15,626
Total Hours	2,695				Subtotal:	\$434,385

REIMBURSABLES

Mileage						\$270
Reproduction (copies, plots, etc.)						\$1,000
Miscellaneous						\$200
					Subtotal:	\$1,470

SUBCONSULTANT COSTS (See Exhibit E)

Johnston Architects						\$84,848
Lund Opsahl						\$61,182
PAE						\$120,422
Herrerra						\$85,574
Groundswell						\$63,490
EnviroIssues						\$187,156
Ballard*King						\$23,480
LittleFish						\$10,817
Stantec						\$4,625
Halliday Associates						\$1,791
Code Unlimited						\$6,512
DCW						\$18,150
AESI Engineering						\$49,531
True North Land Surveying						\$43,335
Global Transportation Eng.						\$24,376
					Subtotal:	\$785,289

Total: \$1,221,144

Contingency: 165,588

GRAND TOTAL: \$1,386,732

Exhibit E
Sub-consultant Cost Computations

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.

EXHIBIT E

Subcontracted Work

Project Name: Redmond Senior & Community Center
Project Number: 50022024.05.01.02
Consultant: Opsis Architecture

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

Subconsultant	Work Description	Amount
Johnston Architects	Associate Arch . & Land Use Planning	\$84,848
Lund Opsahl	Structural Engineering	\$61,182
PAE	MEP, FP,LV, AV, Energy Modeling	\$120,422
Herrerra	Civil	\$85,574
Groundswell	Landscape	\$63,490
EnviroIssues	Community Outreach	\$187,156
Ballard*King	Operational Planning	\$23,480
LittleFish	Lighting	\$10,817
Stantec	Acoustics	\$4,625
Halliday Associates	Food Service	\$1,791
Code Unlimited	Code Review	\$6,512
DCW	Cost Estimate	\$18,150
AESI Engineering	Cost Estimate	\$49,531
True North Land Surveying	Cost Estimate	\$43,335
Global Transportation Eng.	Cost Estimate	\$24,376
	Total:	\$785,289

During the performance of this AGREEMENT, the CONSULTANT, for itself, its assignees, and successors in interest agrees as follows:

1. **Compliance with Regulations:** The CONSULTANT shall comply with the Regulations relative to non-discrimination in federally assisted programs of the AGENCY, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time (hereinafter referred to as the “REGULATIONS”), which are herein incorporated by reference and made a part of this AGREEMENT.
2. **Non-discrimination:** The CONSULTANT, with regard to the work performed during this AGREEMENT, shall not discriminate on the grounds of race, color, sex, or national origin in the selection and retention of sub-consultants, including procurement of materials and leases of equipment. The CONSULTANT shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the REGULATIONS, including employment practices when this AGREEMENT covers a program set forth in Appendix B of the REGULATIONS.
3. **Solicitations for Sub-consultants, Including Procurement of Materials and Equipment:** In all solicitations either by competitive bidding or negotiations made by the CONSULTANT for work to be performed under a sub-contract, including procurement of materials or leases of equipment, each potential sub-consultant or supplier shall be notified by the CONSULTANT of the CONSULTANT’s obligations under this AGREEMENT and the REGULATIONS relative to non-discrimination on the grounds of race, color, sex, or national origin.
4. **Information and Reports:** The CONSULTANT shall provide all information and reports required by the REGULATIONS or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the AGENCY, the STATE, or the Federal Highway Administration (FHWA) to be pertinent to ascertain compliance with such REGULATIONS, orders and instructions. Where any information required of a CONSULTANT is in the exclusive possession of another who fails or refuses to furnish this information, the CONSULTANT shall so certify to the AGENCY, the STATE, or the FHWA as appropriate, and shall set forth what efforts it has made to obtain the information.
5. **Sanctions for Non-compliance:** In the event of the CONSULTANT’s non-compliance with the non-discrimination provisions of this AGREEMENT, the AGENCY shall impose such AGREEMENT sanctions as it, the STATE, or the FHWA may determine to be appropriate, including, but not limited to:
 - Withholding of payments to the CONSULTANT under this AGREEMENT until the CONSULTANT complies, and/or;
 - Cancellation, termination, or suspension of this AGREEMENT, in whole or in part.
6. **Incorporation of Provisions:** The CONSULTANT shall include the provisions of paragraphs (1) through (5) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the REGULATIONS, or directives issued pursuant thereto. The CONSULTANT shall take such action with respect to any sub-consultant or procurement as the STATE, the AGENCY, or FHWA may direct as a means of enforcing such provisions including sanctions for non-compliance.

Provided, however, that in the event a CONSULTANT becomes involved in, or is threatened with, litigation with a sub-consultant or supplier as a result of such direction, the CONSULTANT may request the AGENCY enter into such litigation to protect the interests of the STATE and/or the AGENCY and, in addition, the CONSULTANT may request the United States enter into such litigation to protect the interests of the United States.

Exhibit G

Certification Document

- Exhibit G-1(a) Certification of Consultant
- Exhibit G-1(b) Certification of City of Redmond
- 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

Opsis Architecture LLP

whose address is

920 NW 17th Ave Portland OR 97209

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 Washington State Dept of Transportation

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.

Opsis Architecture, LLP

Consultant (Firm Name)

Signature (Authorized Official of Consultant)

Date

Exhibit G-1(b) Certification of City of Redmond

I hereby certify that I am the:

Other

of the City of Redmond, 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 statutes 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.

Opsis Architecture, LLP

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.

Opsis Architecture, LLP

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 Redmond Senior and Community Center * 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: Opsis Architecture, LLP

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 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

Phase 1: Program & Concept

December Meet & Greet	12/14/2020
COR high-level meeting w/ Opsis	Week of Dec 14 or 21
COR bi-monthly check in/workshop	Week of Jan 4
#1 Stakeholder Meeting	1/11/2021
COR bi-monthly check in/workshop	Week of Jan 18
#2 Stakeholder Meeting	1/25/2021
January SAC Meeting	1/26/2021
COR bi-monthly check in/workshop	February
COR bi-monthly check in/workshop	February
PHS Council update/briefing	2/2/2021
February Parks & Trails Commission Meeting	2/4/2021
February Arts & Culture Commission Meeting	2/11/2021
RYPAC Meeting	2/18/2021
February SAC Meeting	2/23/2021
Virtual Senior Focus Public Meeting	2/24/2021
Virtual Public Meeting/Open House	2/24/2021
COR bi-monthly check in/workshop	March
COR bi-monthly check in/workshop	March
#3 Stakeholder Meeting	3/1/2021
PHS Council update/briefing	3/2/2021
March Parks & Trails Commission Meeting	3/4/2021
Council study session/briefing	3/9/2021
March Arts & Culture Commission Meeting	3/11/2021
#4 Stakeholder Meeting	3/22/2021
March SAC meeting	3/23/2021
Virtual Senior Focus Public Meeting	3/24/2021
Virtual Public Meeting/Open House	3/24/2021
Cost Estimate	4/2/2021
Cultural groups, outreach (new addition)	

Phase 2: Schematic Design

Add in PHS meetings for Carrie each month	
April Parks & Trails Commission Meeting	4/1/2021
PHS Council update/briefing	4/6/2021
April Arts & Culture Commission Meeting	4/8/2021
Cost Reconciliation / Project Review	4/9/2021
COR bi-monthly check in/workshop	April
COR bi-monthly check in/workshop	April
City Council briefing	4/20/2021
Phase 2 kick-off meeting	4/12/2021
#5 Stakeholder Meeting	4/26/2021
April SAC meeting	4/15/2021
COR bi-monthly check in/workshop	May
COR bi-monthly check in/workshop	May
PHS Council update/briefing	5/4/2021
May Parks & Trails Commission Meeting	5/6/2021
May Arts & Culture Commission Meeting	5/13/2021
#6 Stakeholder Meeting	5/24/2021
May SAC meeting	5/20/2021
COR bi-monthly check in/workshop	June
COR bi-monthly check in/workshop	June
PHS Council update/briefing	6/1/2021
Council study session/briefing	June
#7 Stakeholder Meeting	6/21/2021
June SAC meeting	6/17/2021
COR bi-monthly check in/workshop	July
COR bi-monthly check in/workshop	July
June Parks & Trails Commission Meeting	7/1/2021
Cost Estimate	7/2/2021
PHS Council update/briefing	7/6/2021
June Arts & Culture Commission Meeting	7/8/2021
Cost Reconciliation / Project Review	7/19/2021
City Council briefing / approval	7/27/2021

Public Facing Meetings in RSCC Preliminary Design Phase

Group	Number of Mtgs
Stakeholders	8
Senior Advisory Committee (SAC) and other Seniors	9
Commissions (Arts/Culture and Parks/Trails)	10
General Public	2
Youth Partnership (RYPAC)	1
Council	10



Redmond
SENIOR & COMMUNITY CENTER
Building our future TOGETHER

Redmond Senior and Community Center Architect Agreement

January 19, 2021



Redmond
WASHINGTON **751**

Architect Agreement Overview



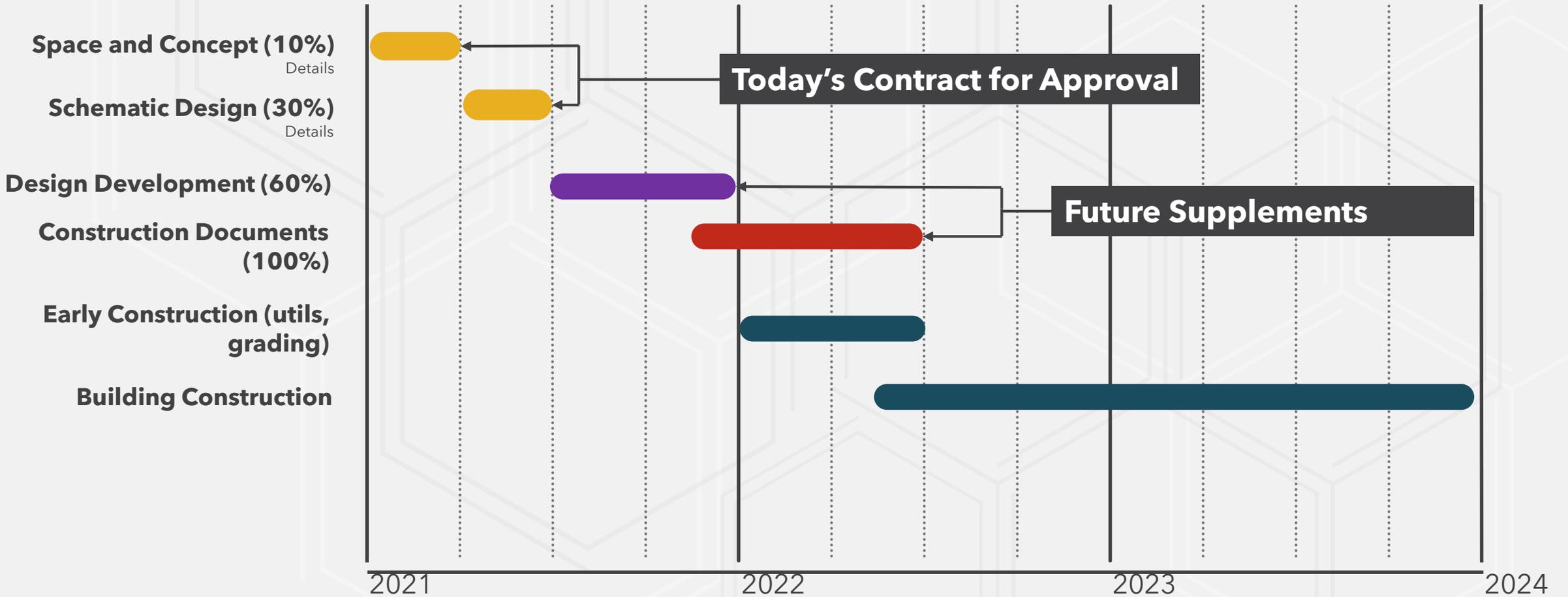
Redmond
SENIOR & COMMUNITY CENTER
Building our future **TOGETHER**

- **Opsis Architecture selected for design**
- **Includes space and concept design and schematic design**
- **Flexible scope so we can respond and adapt to input from stakeholders, seniors, and Council**
- **Fee is in line with previous budget estimates**

Project Phases



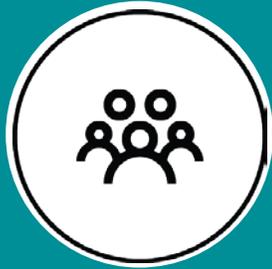
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Project Updates by Audience



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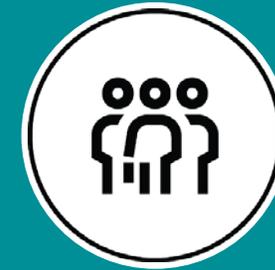
Community

- Stakeholder Group
- Redmond.gov/RSCC
- Questionnaires
- City Commissions/RYPAC
- Targeted Outreach *
- Project Email & Phone
- City Communications



Seniors

- Senior Advisory Committee
- Daytime Public Meetings
- Postcard Mailing
- Encore Newsletters
- Flyers at Senior Lunches



City Council

- Committee of the Whole
- Business Meetings
- Study Sessions
- Email Updates

* Target groups include but not limited to: BIPOC community, cultural groups, schools, faith groups, sports leagues, fitness groups, instructors, past and current activity participants, etc.

Outreach Schedule by Audience

		DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
Community	Stakeholder Meeting	14-Dec	Jan 11 & 25		Mar 1 & 22	26-Apr	24-May	21-Jun	
	Parks and Trails Commission			4-Feb	4-Mar	1-Apr	6-May		1-Jul
	Arts and Culture Commission			11-Feb	11-Mar	8-Apr	13-May		8-Jul
	RYPAC Meeting			18-Feb					
	Virtual Public Meeting			24-Feb	24-Mar				
	Questionnaire								
	Targeted Outreach			Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
	Project website - redmond.gov/RSCC		Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
	Project email and phone		Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
	City Communication Tools	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
Senior	Senior Advisory Committee Meeting		26-Jan	23-Feb	23-Mar	15-Apr	20-May	17-Jun	
	Virtual Senior Public Meeting			24-Feb	24-Mar				
	Encore Newsletter			Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
	Postcard Mailer			10-Feb					
	Flyer Distribution at Senior Lunch		Yes						
Council	Parks and Human Services COW	1-Dec	5-Jan	2-Feb	2-Mar	6-Apr	4-May	1-Jun	6-Jul
	Council Study Session				9-Mar			Date TBD	
	City Council Briefing					15-Apr			27-Jul
	Email Update	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly



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SENIOR & COMMUNITY CENTER
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Thank you

Carrie Hite, Parks and Recreation Director
chite@redmond.gov | 425-556-2326

Loreen Hamilton, Parks and Recreation Deputy Director
lhamilton@redmond.gov | 425-556-2336

Eric Dawson, Senior Engineer
ecdawson@redmond.gov | 425-556-2867





Memorandum

Date: 1/19/2021
Meeting of: City Council

File No. AM No. 21-019
Type: New Business

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

Planning and Community Development	Carol Helland	425-556-2107
Fire	Todd Short	425-556-2242

DEPARTMENT STAFF:

Planning and Community Development	Jason Lynch	Assistant Director, Development Services
Planning and Community Development	Carol Lewis	Development Services Supervisor
Fire	Rich Gieseke	Acting Fire Marshal

TITLE:

Adoption of an Ordinance Amending the Effective Dates of Redmond Ordinance No. 3007, Adopting 2018 Redmond Building Code; and Ordinance No. 3008, Adopting the Redmond Fire Code

1. Ordinance No. 3027: An Ordinance of the City of Redmond, Washington, Amending the Effective Dates of Ordinances No. 3007 and 3008 in Order to Coincide with the Effective Date of the 2018 State Building Code Adopted by the Washington State Building Code Council; Declaring an Emergency and Establishing an Immediate Effective Date for this Ordinance

OVERVIEW STATEMENT:

Due to the State Building Code Council’s (SBCC) vote on January 8, 2021 to delay the implementation date of the State Building and Fire Codes from February 1, 2021 to July 1, 2021, we are requesting a change in the implementation dates of the above ordinances to coordinate with the State Codes. These ordinances were previously approved by City Council on September 15, 2020.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

- Receive Information Provide Direction Approve

REQUEST RATIONALE:

- Relevant Plans/Policies:

Redmond Municipal Code

- **Required:**
RCW 1927.031
- **Council Request:**
N/A
- **Other Key Facts:**
N/A

OUTCOMES:

This adoption will allow the flexibility to coordinate the adoption of our local building and fire codes with the effective date of the State’s adoption. The request is not date specific due to the possibility of additional delays being recommended to the State from the State Building Code Council.

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:

Cost is included in the ongoing operational costs of the Divisions.

Approved in current biennial budget: Yes No N/A

Budget Offer Number:

Development Services 000244
Construction Inspection 000223
Fire Prevention Services 000221

Budget Priority:

Vibrant and Connected
Safe and Resilient

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
9/15/2020	Business Meeting	Approve

Proposed Upcoming Contact(s)

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

Time Constraints:

The Washington State Building Code Council adopted the 2018 Building, Fire, and 2020 National Electrical Codes to become effective on July 1, 2020. Governor Inslee’s Proclamation 20-40 “Stay Home Stay Safe” postponed the adoption until November 1, 2020. Although the National Electrical Code went into effect on October 30, 2020, the State Building Code Council (SBCC) postponed the adoption of all other codes until February 1, 2021.

On January 8, 2021, the State Building Code Council voted to again delay the implementation of the 2018 International Codes until July 1, 2021. Petitions have been filed by both the Washington State Building Officials and the Washington Association of Fire Marshals to enforce the February 1, 2021 effective date. A formal determination by the Governor on both petitions is expected before January 26, 2021.

ANTICIPATED RESULT IF NOT APPROVED:

The City of Redmond would be in violation of RCW 19.27.035 by adopting the 2018 International Codes ahead of the State, effective on February 1, 2021, as allowed for in the current language of ordinance numbers 3007 and 3008, if the State upholds the vote by the SBCC and the state adoption of the codes becomes effective on July 1, 2021.

ATTACHMENTS:

Attachment A: Ordinance

NON-CODE

**CITY OF REDMOND
ORDINANCE NO. _____**

AN ORDINANCE OF THE CITY OF REDMOND, WASHINGTON, AMENDING THE EFFECTIVE DATES OF ORDINANCES NO. 3007 AND 3008 IN ORDER TO COINCIDE WITH THE EFFECTIVE DATE OF THE 2018 STATE BUILDING CODE ADOPTED BY THE WASHINGTON STATE BUILDING CODE COUNCIL; DECLARING AN EMERGENCY AND ESTABLISHING AN IMMEDIATE EFFECTIVE DATE FOR THIS ORDINANCE

WHEREAS, pursuant to RCW 19.27.031, the Washington State Building Code Council has adopted the 2018 State Building Code and has mandated that the same be enforced by all cities and counties in the state; and

WHEREAS, the 2018 State Building Code was originally scheduled to be effective July 1, 2020, but the effective date was subsequently extended to February 1, 2021; and

WHEREAS, in reliance on the February 1, 2021 effective date, the Redmond City Council adopted Ordinance No. 3007 on September 15, 2020, adopting the 2018 versions of the International Building Code, International Residential Code, International Mechanical Code, Uniform Plumbing Code, and Washington State Energy Code, as well as the 2020 version of the National Electrical Code, all effective February 1, 2021; and

WHEREAS, also in reliance on the February 1, 2021 effective date, the Redmond City Council adopted Ordinance No. 3008 on

September 15, 2020, adopting the 2018 version of the International Fire Code effective February 1, 2021; and

WHEREAS, on January 11, 2021, the Washington State Building Code Council delayed the effective date of the 2018 State Building Code until July 1, 2021; and

WHEREAS, the effect of the State Building Code Council's action will be to render the City of Redmond out of compliance with state law on February 1, 2021 unless the effective date of Ordinances No. 3007 and 3008 is changed because the State Building Code will continue to mandate that the City enforce the 2015 State Building Code while the City's ordinances will require that the City enforce the 2018 State Building Code; and

WHEREAS, the Washington Association of Building Officials (WABO) has opposed the Building Code Council's extension in order to avoid such conflicts between local codes and state law, and WABO has called upon the Governor to order repeal of the extension under RCW 34.05.350(3) and allow the 2018 State Building Code to go into effect on February 1, 2021; and

WHEREAS, action by the Governor is uncertain and the ultimate effective date of the 2018 State Building Code is thus unclear; and

WHEREAS, the Redmond Building Official and Redmond Fire Marshal have therefore recommended that the effective date of Ordinances No. 3007 and 3008 be revised to make the ordinances

effective upon the date the 2018 State Building Code becomes effective; and

WHEREAS, unless the effective date of Ordinances 3007 and 3008 is changed the conflict noted above will exist as of February 1, 2021 and it will be unclear which codes permit applicants must comply with and are vested to, thus creating confusion and the potential for legal challenges; and

WHEREAS, it is not certain that this Ordinance can be passed, signed, published, and effective prior to February 1, 2021 without a declaration of an emergency and in order to avoid conflicts, legal challenges and confusion that could significantly affect the ability of Redmond's residents and businesses to plan for construction under the most up-to-date construction codes, the Council has determined to declare an emergency and to make this ordinance effective immediately.

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

Section 1. Building Codes Adopted by Ordinance No. 3007.
Section 8 of Ordinance No. 3007, passed by the Redmond City Council on September 15, 2020, is hereby amended to read as follows:

Section 8. Effective Date. A summary of this ordinance ~~shall~~ has been published in the city's official newspaper, ~~or as otherwise provided by law, and.~~ This ordinance shall

take effect ~~on February 1, 2021~~ and be in full force on that date on which the adoption of the 2018 State Building Code by the Washington State Building Code Council becomes effective.

Section 2. Fire Code Adopted by Ordinance No. 3008. Section 4 of Ordinance No. 3008, passed by the Redmond City Council on September 15, 2020, is hereby amended to read as follows:

Section 4. Effective Date. A summary of this ordinance ~~shall~~ has been published in the city's official newspaper, ~~or as otherwise provided by law, and~~ This ordinance shall take effect ~~on February 1, 2021~~ and be in full force on that date on which the adoption of the 2018 State Building Code by the Washington State Building Code Council becomes effective, with the exception of RMC 15.06.013(13) which shall take effect on January 1, 2021.

Section 3. Declaration of Emergency - Immediate Effective Date. For the reasons set forth in the recitals above, the Redmond City Council hereby finds and declares that an emergency exists that makes this ordinance necessary for the immediate protection of the public health, public safety, public property, or public peace. Failure of the City to have this ordinance in effect prior

to February 1, 2021 will result in a conflict between the City building and fire codes adopted by Ordinances No. 3007 and 3008 and those which the state mandates that the City enforce. The conflict will result in the City being out of compliance with state law and could result in confusion and legal challenges regarding the applicability of the codes and the vesting of projects. This ordinance, having been passed by a majority plus one of the whole membership of the Redmond City Council, shall therefore become effective immediately upon passage pursuant to RCW 35A.12.130 The City Clerk shall cause this ordinance or a summary thereof consisting of the title, to be published at the earliest practicable date..

ADOPTED by the Redmond City Council this ____ day of January,
2021.

CITY OF REDMOND

ANGELA BIRNEY, MAYOR

ATTEST:

CHERYL XANTHOS, MMC, CITY CLERK

(SEAL)

APPROVED AS TO FORM:

JAMES E. HANEY, CITY ATTORNEY

FILED WITH THE CITY CLERK:
PASSED BY THE CITY COUNCIL:
SIGNED BY THE MAYOR:
PUBLISHED:
EFFECTIVE DATE:
ORDINANCE NO.