

City of Redmond



Agenda

Regular Business Meeting

Tuesday, February 2, 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

- A. PRESENTATION: King County Updates from King County Council Chair Claudia Balducci
- B. PROCLAMATION: Black History Month: February 2021

[Proclamation: Black History Month: February 2021](#)

- C. COVID-19 Update

II. ITEMS FROM THE AUDIENCE

Please contact the Clerk's Office at cityclerk@redmond.gov to provide comment. Please label written public comment as "Items from the Audience" (500 word limit) or verbal comment at the time of the meeting is available by contacting the Clerk's Office for coordination by 3 p.m. on February 2nd

III. CONSENT AGENDA**A. Consent Agenda**

1. Approval of the Minutes: January 19, 2021, Regular Business Meeting, and January 19 and 26, 2021, Special Meetings (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.)

[Special Meeting Minutes for January 19, 2021](#)

[Regular Meeting Minutes for January 19, 2021](#)

[Special Meeting Minutes for January 26, 2021](#)

2. Approval of Payroll/Direct Deposit and Claims Checks

[Payroll Approval Register, January 25, 2021](#)

[Check Approval Register, February 2, 2021](#)

3. [AM No. 21-A029 EX](#) Approval of an Interlocal Agreement for the Provision of District Court Services between King County and the City of Redmond
(Executive)

[Attachment A: Background and Summary of Terms of the Interlocal Agreement](#)

[Attachment B: Interlocal Agreement](#)

[Attachment C: Exhibits A-D to the Interlocal Agreement](#)

- 4. [AM No. 21-A033 PD](#) Approval of an Interlocal Agreement Between King County and the City of Redmond for Misdemeanor Jail Services
(Police)

[Attachment A: Interlocal Agreement](#)

- 5. [AM No. 21-A037 PK](#) Approval of the ADA Facilities Transition Plan
(Parks)

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

B. Items Removed from the Consent Agenda

IV. HEARINGS AND REPORTS

A. Public Hearings

B. Reports

1. Staff Reports

- a. [AM No. 21-A042](#) TMP Update - Outreach Summary and Policy Considerations
(Planning)

[Attachment A: Draft Vision Principles and Strategies](#)

[Attachment B: Draft Policy Considerations](#)

[Attachment C: Public Outreach Summary](#)

[Attachment D: Presentation](#)

2. Ombudsperson Report

Padhye

3. Committee Reports

V. UNFINISHED BUSINESS

VI. NEW BUSINESS

VII. EXECUTIVE SESSION

VIII. ADJOURNMENT



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 2/2/2021
Meeting of: City Council
Day

File No. SPC 21-009
Type: Special Orders of the

PRESENTATION: King County Updates from King County Council Chair Claudia Balducci



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 2/2/2021
Meeting of: City Council
Day

File No. SPC 21-010
Type: Special Orders of the

PROCLAMATION: Black History Month: February 2021

PROCLAMATION

WHEREAS, each year, Black History Month is observed in February; and

WHEREAS, the origins of Black History Month date back to 1915 when Dr. Carter G. Woodson founded the organization known today as the Association for the Study of African American Life and History; and

WHEREAS, observing Black History Month provides opportunities to gain a deeper understanding of African American history and acknowledge the centuries of struggles for equality and freedom; and

WHEREAS, Black History Month also celebrates the achievements and contributions that African Americans have made in shaping our country, society, and communities; and

WHEREAS, every year, the Association for the Study of African American Life and History sets a theme for Black History Month, and the theme for 2021 is, "The Black Family: Representation, Identity, and Diversity"; and

WHEREAS, this year's Black History Month theme explores the complexity and dynamic of African American families and their stories throughout history; and

WHEREAS, to participate in observing Black History Month, those interested can visit www.asalh.org to learn more about the origins of the month, this year's theme, and African American history;

NOW, THEREFORE, I, ANGELA BIRNEY, Mayor of the City of Redmond, Washington, do hereby proclaim February 2021 as

BLACK HISTORY MONTH

and encourage everyone to observe this month by acknowledging the history and challenges faced by African Americans, and paying tribute to this community for its strength, perseverance, character, and contributions, all of which enrich our lives.



Angela Birney, Mayor

February 2, 2021

Date

City Hall

15670 NE 85th Street
PO Box 97010
Redmond, WA
98073-9710



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 2/2/2021
Meeting of: City Council
Day

File No. SPC 21-008
Type: Special Orders of the

COVID-19 Update



Memorandum

Date: 2/2/2021
Meeting of: City Council

File No. SPC 21-006
Type: Minutes

Approval of the Minutes: January 19, 2021, Regular Business Meeting, and January 19 and 26, 2021, Special Meetings (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.)



City of Redmond

15670 NE 85th Street
Redmond, WA

Memorandum

Date: 2/2/2021
Meeting of: City Council

File No. SPC 21-007
Type: Check Register

Approval of Payroll/Direct Deposit and Claims Checks

City of Redmond
 Payroll Check Approval Register
 Pay period: 1/1 - 1/15/2021
 Check Date: 01/25/2021

Check Total:	\$ 41,786.71
Direct Deposit Total:	\$ 2,158,322.60
Wires & Electronic Funds Transfers:	\$ 1,452,100.36
Grand Total:	<u>\$ 3,652,209.67</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 **186577** through **186590** ,
 Direct deposits numbered **107956** through **108666** , and
 Electronic Fund transfers **1271** through **1275**
 are approved for payment in the amount of **\$3,652,209.67**
 on this **2nd day of February 2021**.

Note:

DD # 107955 for Maxine Whattam Special Payroll/Pay correction
 Check # 186576 - Replacement check Nicholas Mohnkern, lost his 1/8/21 original

City of Redmond
 Payroll Final Check List
 Pay period: 1/1 - 1/15/2021
 Check Date: 01/25/2021

Total Checks and Direct deposit:	\$ 3,240,636.59
Wire Wilmington Trust RICS (MEBT):	\$ 411,573.08
Grand Total:	<u>\$ 3,652,209.67</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

01/21/2021

2:23PM

Payroll Final Check List

CITY OF REDMOND

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01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107956	1/25/2021	047493	BALSER, TYLER K	0.00	2,675.84
107957	1/25/2021	047774	BIEGEL, KALLI R	0.00	2,273.41
107958	1/25/2021	047122	BIRNEY, ANGELA E ✓	0.00	4,444.88
107959	1/25/2021	046987	BOUWMAN, SARA L	0.00	2,370.96
107960	1/25/2021	046739	BREWER, JUSTIN S	0.00	3,173.50
107961	1/25/2021	002236	CORNWELL, CHIP J	0.00	2,112.51
107962	1/25/2021	047627	CROSS, CHARLIANN K	0.00	2,451.52
107963	1/25/2021	047377	DELARME, BRANT R	0.00	2,531.91
107964	1/25/2021	024749	KEOGH, TERESA R	0.00	1,697.35
107965	1/25/2021	047292	LALOR, JACQUELINE M	0.00	3,636.81
107966	1/25/2021	047789	LYBECK, JENNY	0.00	2,678.65
107967	1/25/2021	041692	MAHER, LISAA	0.00	3,772.71
107968	1/25/2021	047314	MCKEE, SHELLY S	0.00	2,266.00
107969	1/25/2021	047362	MUELLER, REBECCA L	0.00	3,657.98
107970	1/25/2021	047770	PESHTAZ, PALWASHA A	0.00	3,778.85
107971	1/25/2021	002641	RIVKIN, NINA S ✓	0.00	4,518.24
107972	1/25/2021	002711	SMITH, JILL E	0.00	3,398.68
107973	1/25/2021	046874	SMITH, SARAL	0.00	2,304.88
107974	1/25/2021	002719	SNOW, STEFANIE H	0.00	1,186.66
107975	1/25/2021	047123	VAN RY, ANIKA C	0.00	2,494.25
107976	1/25/2021	046804	XANTHOS, CHERYL D	0.00	3,060.70
107977	1/25/2021	038392	AYERS, MICHELE R	0.00	1,978.90
107978	1/25/2021	002004	BARKER, THERESA	0.00	1,460.09
107979	1/25/2021	047174	ELSOM, JULIANA R	0.00	3,247.97
107980	1/25/2021	047732	FRAZZINI, JEFFREY A	0.00	1,750.07
107981	1/25/2021	047658	FREELAND, BRADLEY JAY ✓	0.00	4,043.70
107982	1/25/2021	047616	GLAGOLEVA, ALLA V	0.00	1,602.73
107983	1/25/2021	036500	HERMOSO, NIDA V	0.00	2,505.10
107984	1/25/2021	039540	HULSKAMP, GLORIA	0.00	3,548.52
107985	1/25/2021	046735	MATUZOVA, EKATERINA	0.00	2,195.62
107986	1/25/2021	046303	VIOLANTE, NANCY M	0.00	435.48
107987	1/25/2021	038183	WOO, SIU FUN STEPHANIE	0.00	2,818.70
107988	1/25/2021	040623	BANSCHBACH, IRENE F	0.00	2,761.10
107989	1/25/2021	002019	FILES, MALISA W ✓	0.00	5,135.92
107990	1/25/2021	042236	FONG, KALE	0.00	2,379.99
107991	1/25/2021	042177	MORGAN, JESSICA RUTH	0.00	1,770.97
107992	1/25/2021	002010	COCHRAN, KELLEY K ✓	0.00	5,036.35
107993	1/25/2021	041411	EDWARDSSEN, RYAN M - Retro Pay	0.00	6,869.65

01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
107994	1/25/2021	044879	FLYNN, MARISSA V	0.00	3,109.31
107995	1/25/2021	047646	HONMA, DOUGLAS K	0.00	3,193.54
107996	1/25/2021	047125	NARRA, HARITHA	0.00	2,841.43
107997	1/25/2021	047631	RELLER, CHRISTINA R	0.00	2,876.47
107998	1/25/2021	002828	YEAGER, SANDRA B	0.00	3,206.78
107999	1/25/2021	047575	COMETTO, LUCAS M	0.00	2,572.27
108000	1/25/2021	047365	KERANOVA, DEBBIE K	0.00	3,529.22
108001	1/25/2021	047366	O'SULLIVAN, ADAM G	0.00	2,436.24
108002	1/25/2021	047765	STENERSON, AUDREY R	0.00	2,219.04
108003	1/25/2021	047051	FANI, JUDITH A	0.00	2,425.77
108004	1/25/2021	002505	MARPERT, TERENCE C	0.00	3,657.96
108005	1/25/2021	047561	BARRANS, ERIC	0.00	1,708.12
108006	1/25/2021	047760	BUDIATI SZKUTNIK, RIZKA	0.00	1,607.46
108007	1/25/2021	047254	OSKIERKO, TAMERA A	0.00	2,468.65
108008	1/25/2021	045707	UBEZZI, MARIA T	0.00	2,696.76
108009	1/25/2021	042243	BARRETT, BRIAN SAMUEL	0.00	3,142.64
108010	1/25/2021	047822	BENNETT, JUDSON G	0.00	717.71
108011	1/25/2021	047512	BROWN, ANGELA B	0.00	1,932.17
108012	1/25/2021	047819	CARROLL, JEFFREY B	0.00	2,469.68
108013	1/25/2021	047814	CHAMBERLIN, JARED K	0.00	2,516.67
108014	1/25/2021	047121	CHEN, ERIC CHAO-HUEI	0.00	1,849.63
108015	1/25/2021	002821	DELOACH, DAWN MICHELLE	0.00	2,552.64
108016	1/25/2021	002276	DUONG, TRUNG T	0.00	4,230.09
108017	1/25/2021	047820	FIEBIG, INGRID L	0.00	2,390.18
108018	1/25/2021	031439	FREEMAN, CALEB D - OT /Acting Pay	0.00	4,991.53
108019	1/25/2021	002331	GIESEKE, RICHARD E	0.00	4,816.67
108020	1/25/2021	036380	HAWKINS, CHRISTOPHER LANG - OT	0.00	4,706.14
108021	1/25/2021	038207	HEAD, ALEX G	0.00	2,797.86
108022	1/25/2021	047334	HOOPER, PATRICIA J	0.00	3,729.54
108023	1/25/2021	046949	HOWLAND, SARAH J	0.00	2,709.94
108024	1/25/2021	047357	KARLSSON, MIA M	0.00	1,816.87
108025	1/25/2021	002465	LANGTON, THOMAS F ✓	0.00	5,366.16
108026	1/25/2021	002492	LOWRY, SHAWN T ✓	0.00	4,778.56
108027	1/25/2021	007277	LYONS, BILLY M	0.00	3,724.67
108028	1/25/2021	047213	MARSHALL, AUSTIN W -OT	0.00	5,832.77
108029	1/25/2021	047817	MCNEAL, ISAIAH T	0.00	2,102.12
108030	1/25/2021	046992	MILLER, AARON C	0.00	2,879.40
108031	1/25/2021	031253	MOORHEAD, AMY JO	0.00	3,995.12

Five
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01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108032	1/25/2021	037028	MULLINAX, ADAM E	0.00	3,226.54
108033	1/25/2021	002567	NOBLE, STANLEY D	0.00	4,171.06
108034	1/25/2021	046566	OLSON, JANEEN R	0.00	2,739.36
108035	1/25/2021	047816	ORUOJA, ERIK	0.00	1,851.71
108036	1/25/2021	047821	PHILLIPS, KALIEGHE A	0.00	2,390.18
108037	1/25/2021	002646	ROBILLARD, BRIAN C	0.00	4,128.60
108038	1/25/2021	047815	SEGO, JACOB DANIEL	0.00	2,011.04
108039	1/25/2021	002692	SHORT, TODD E ✓	0.00	5,153.16
108040	1/25/2021	036399	SIMON, JOHN KARL	0.00	2,842.15
108041	1/25/2021	002709	SMITH, GARY E - Retro	0.00	5,153.08
108042	1/25/2021	002716	SMITH, PAUL E	0.00	2,927.64
108043	1/25/2021	047519	SPICKLER, ERIC R	0.00	3,599.23
108044	1/25/2021	002775	TOLES, GEORGE N	0.00	3,887.50
108045	1/25/2021	002789	TURNER, CHARLES S	0.00	4,273.38
108046	1/25/2021	047210	WALSH, DYLAN K - OT	0.00	6,119.42
108047	1/25/2021	033248	WHITNEY, JAMES EDWIN	0.00	4,074.56
108048	1/25/2021	002829	YOON, BRIAN C	0.00	3,360.98
108050	1/25/2021	002831	YOST, DANAA	0.00	4,283.81
108049	1/25/2021	002834	ZAPFFE, CARL R	0.00	607.86
108051	1/25/2021	047491	AARON, JOHN-CARLOS D	0.00	2,625.88
108052	1/25/2021	002079	ALEXANDER, JASON W	0.00	4,392.82
108053	1/25/2021	002094	ANDERSON, TODD P - OT	0.00	5,970.76
108054	1/25/2021	002163	BOYLAN, CHRISTOPHER J	0.00	3,902.45
108055	1/25/2021	047489	BUTLER, ANDREW B	0.00	2,445.39
108056	1/25/2021	002245	CROWE, JEFF C	0.00	3,120.14
108057	1/25/2021	002275	DUNN, PATRICK K - OT	0.00	6,199.11
108058	1/25/2021	046967	DYGERT, EBEN E	0.00	3,382.42
108059	1/25/2021	002284	ELERICK, JAMES H	0.00	2,463.36
108060	1/25/2021	047205	ERCHINGER, REICHL E S	0.00	4,136.16
108061	1/25/2021	002297	FENNELL, NATHAN R	0.00	4,471.82
108062	1/25/2021	041563	FREI, JOSHUA ADAM	0.00	4,196.01
108063	1/25/2021	002317	FREYMUTH, MARK A - - OT	0.00	5,282.09
108064	1/25/2021	002347	GOUDZWAARD, MICHAEL J - OT	0.00	7,488.52
108065	1/25/2021	002366	HAGER, DANIEL L	0.00	3,969.63
108066	1/25/2021	002415	JOHANSSON, DAVID K	0.00	3,583.13
108067	1/25/2021	047718	KESSELRING, QUINN C	0.00	3,111.18
108068	1/25/2021	036439	MANCHIK, SERGEY Y	0.00	3,631.08
108069	1/25/2021	002529	MEEK, KEVIN T - OT/Acting Pay	0.00	4,534.37

Fire ↓

01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108070	1/25/2021	047067	MEZZONE, CHRIS A	0.00	3,744.38
108071	1/25/2021	034908	MORRIS, COY MICHAEL	0.00	3,119.65
108072	1/25/2021	047352	O'CONNELL, SHANE D	0.00	2,968.30
108073	1/25/2021	002577	ODELL JR, JAMES C ✓	0.00	4,535.84
108074	1/25/2021	047353	PACKARD, CAMERON R -OT	0.00	4,938.66
108075	1/25/2021	046964	PARNELL, TYLER L	0.00	2,956.06
108076	1/25/2021	038199	PEDEFERRI, AARON J -OT	0.00	5,968.47
108077	1/25/2021	038219	PEEPLES, JOSHUA DAVID -OT	0.00	4,927.51
108078	1/25/2021	034910	PETERSON, MATTHEW W	0.00	3,974.26
108079	1/25/2021	047071	PIERCE, BRANDON R	0.00	3,169.99
108080	1/25/2021	002612	POFF, JEFFREY R -OT	0.00	4,851.55
108081	1/25/2021	002616	PRIEBE, WILLIAM R	0.00	4,401.63
108082	1/25/2021	034693	SCHEAFFER, DOUGLAS KENRIC	0.00	2,976.06
108083	1/25/2021	002701	SINCLAIR, RICK M -OT	0.00	4,999.59
108084	1/25/2021	047517	STEWART, ROBERT J	0.00	3,507.82
108085	1/25/2021	047209	SWIFT, JOEL M	0.00	3,102.76
108086	1/25/2021	047074	TETERIN, ARTEM S -OT/Acting Pay	0.00	4,843.64
108087	1/25/2021	002763	THOMAS, SCOTT A	0.00	3,517.28
108088	1/25/2021	047355	VALENTA, JARED J -OT	0.00	4,764.98
108089	1/25/2021	047080	VILADAS, JORDI C	0.00	4,149.63
108090	1/25/2021	046842	WHITE, JOSEPH G	0.00	3,309.22
108091	1/25/2021	002101	ASHMORE, RALPH -Term sick/Vacation/Holiday Payout	0.00	13,829.31
108092	1/25/2021	038201	ATKINSON, JOHN PAUL	0.00	3,796.68
108093	1/25/2021	047076	BAKKE, MICHAEL D	0.00	4,396.49
108094	1/25/2021	002150	BLACK, JACOB O	0.00	3,912.55
108095	1/25/2021	046969	BURNETT, W NATHANIEL	0.00	2,555.48
108096	1/25/2021	002187	BYRUM, DAVID K	0.00	3,771.87
108097	1/25/2021	002204	CASSADY, DREW M -Term sick/Vacation/Holiday Payout	0.00	11,290.18
108098	1/25/2021	046968	CONNER, MATTHEW C	0.00	3,443.51
108099	1/25/2021	002255	DAVIS, SHARON L -OT	0.00	5,628.47
108100	1/25/2021	047487	DEES, NICHOLAS R	0.00	2,621.19
108101	1/25/2021	047065	DOWNS, ELIZABETH S -OT	0.00	4,544.94
108102	1/25/2021	047721	FOLLETT, MATTHEW R	0.00	2,361.76
108103	1/25/2021	002329	GENGO, STEVAN M -OT	0.00	7,090.85
108104	1/25/2021	002360	GUENTHER, STEPHEN C	0.00	3,328.65
108105	1/25/2021	038211	HALLIFAX, ALISON LAUREN	0.00	3,190.96
108106	1/25/2021	042555	HARDING, NOAH S	0.00	2,405.22
108107	1/25/2021	046841	HOLTHENRICHS, JOSHUA R -OT	0.00	5,586.12

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108108	1/25/2021	034689	HOUGHTON JR, TERRANCE DALE -OT	0.00	5,314.16
108109	1/25/2021	002453	KNIGHT, DAVID M -OT	0.00	4,769.62
108110	1/25/2021	046965	LANCASTER II, JERRY E	0.00	4,321.80
108111	1/25/2021	047484	MANNING, SUNSHINE S	0.00	2,821.29
108112	1/25/2021	033418	NELSON, MATTHEW L	0.00	3,736.95
108113	1/25/2021	041573	NORTON, THOMAS BENJAMIN -OT	0.00	4,783.69
108114	1/25/2021	047244	OLSON, JEFFREY J	0.00	3,135.47
108115	1/25/2021	002583	OSBORNE, ISRAEL Z	0.00	3,625.88
108116	1/25/2021	036396	OWENS, ANTHONY MATTHEW	0.00	3,822.94
108117	1/25/2021	047208	REECE, RUSSELL J	0.00	3,137.98
108118	1/25/2021	037035	RICHARDS, JEFFREY ALAN	0.00	3,582.70
108119	1/25/2021	002661	SANDERSON, DON -OT	0.00	5,133.45
108120	1/25/2021	047211	SEEFRIED, LOREN W	0.00	3,268.19
108121	1/25/2021	002696	SIEMERS, JEFFREY W	0.00	4,199.67
108122	1/25/2021	047518	STEBLIY, ANDREW J	0.00	3,182.50
108123	1/25/2021	047245	STONE, JORDAN L	0.00	2,877.97
108124	1/25/2021	002740	STUBBLEFIELD, ROGER A	0.00	4,375.53
108125	1/25/2021	047246	VOLKENING, ANDREW L	0.00	3,693.32
108126	1/25/2021	041555	WATSON, DAVID C	0.00	3,102.20
108127	1/25/2021	040528	WOODBURY, CHRISTOPHER M -OT	0.00	4,697.11
108128	1/25/2021	038217	ZELLER, ERNEST J -OT	0.00	5,250.48
108129	1/25/2021	002085	ALSIN, DAVIN T	0.00	2,379.72
108130	1/25/2021	002090	ANDERSON, GARY D -OT	0.00	5,890.72
108131	1/25/2021	002103	ATKINS, MARK T -OT/Acting Pay	0.00	4,614.34
108132	1/25/2021	002118	BALSER, MATTHEW W	0.00	3,169.83
108133	1/25/2021	038203	BEATY, LUCAS P	0.00	3,974.59
108134	1/25/2021	038205	BYRNE, PATRICK CHARLES	0.00	2,648.96
108135	1/25/2021	041569	CARLSON, SCOTT ELLIOT	0.00	3,790.70
108136	1/25/2021	047349	CLARK, RAINA O	0.00	2,885.15
108137	1/25/2021	041567	COBB, DAVID W	0.00	3,477.70
108138	1/25/2021	002231	CONWAY, PETER W -OT	0.00	4,805.61
108139	1/25/2021	047073	CRONIN, BRYCE M	0.00	3,036.96
108140	1/25/2021	037024	DAVIS, MICHELLE E	0.00	4,142.41
108141	1/25/2021	047223	DECARO, ANDREA A	0.00	3,786.35
108142	1/25/2021	002260	DEFAZIO, ANDREW F ✓	0.00	4,814.05
108143	1/25/2021	002272	DUBEE, ERIC A	0.00	3,268.28
108144	1/25/2021	041565	FORD, DANIEL K	0.00	3,840.03
108145	1/25/2021	047075	FULLER, ALSTON R	0.00	3,073.44

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108146	1/25/2021	002321	FULLER, JEFFREY K ✓	0.00	6,034.24
108147	1/25/2021	047554	GORDON, NICHOLAS J	0.00	2,646.30
108148	1/25/2021	002395	HILL, JAMES G	0.00	3,985.19
108149	1/25/2021	047520	HOLBROOKS, NINA M	0.00	2,518.69
108150	1/25/2021	036382	HUTTON, WILLIAM T	0.00	4,134.28
108151	1/25/2021	002417	INGEBRIGTSON, CHRISTOPHER	0.00	4,014.05
108152	1/25/2021	047079	KENDO, BENJAMIN J	0.00	3,116.76
108153	1/25/2021	047485	KICEINA, SAMUEL D	0.00	2,707.53
108154	1/25/2021	034912	LABAY, R D	0.00	4,376.69
108155	1/25/2021	036392	MARTIN, BRYAN BENTHAM	0.00	3,496.92
108156	1/25/2021	047351	MEEHAN, MICHAEL J	0.00	3,383.57
108157	1/25/2021	002542	MORAN, JAMES C -OT	0.00	4,734.23
108158	1/25/2021	037032	MORRISSON, TODD MICHAEL	0.00	4,085.18
108159	1/25/2021	002554	NAVARRO, MICHAEL G	0.00	3,428.73
108160	1/25/2021	002560	NEWTON, SCOTT C	0.00	3,790.78
108161	1/25/2021	002572	NORMAN, SHANNON M	0.00	2,322.54
108162	1/25/2021	047078	PEARSON, MITCHELL R	0.00	3,577.31
108163	1/25/2021	002627	RATCLIFF, RICHARD E	0.00	4,121.45
108164	1/25/2021	047719	SAWAYA, ALAINA H	0.00	2,324.52
108165	1/25/2021	046963	SCHAEFFER, JOSHUA B	0.00	3,852.40
108166	1/25/2021	002720	SOFIE, TRAVIS W	0.00	3,267.17
108167	1/25/2021	002755	TAYLOR, BRIAN S	0.00	3,487.47
108168	1/25/2021	002771	TIERRA, ALEX	0.00	4,287.57
108169	1/25/2021	002778	TOUPIN, MARC E	0.00	3,715.83
108170	1/25/2021	046840	TUPEN, COLTON J	0.00	3,562.70
108171	1/25/2021	002802	WAITE, MICHAEL P -OT	0.00	5,249.29
108172	1/25/2021	046962	WEST, AUSTIN J	0.00	2,808.29
108173	1/25/2021	036401	WILLIAMS, MARK DUSTIN	0.00	3,718.42
108174	1/25/2021	046946	ASSAKER, JOHN P	0.00	2,576.33
108175	1/25/2021	040430	BENSON, MICHAEL W	0.00	1,508.65
108176	1/25/2021	047761	BERENS, MARK J	0.00	3,849.29
108177	1/25/2021	047742	BRANSON, TIAH N	0.00	2,357.40
108178	1/25/2021	047165	BRUCE, NICOLE L	0.00	2,444.07
108179	1/25/2021	047457	DALY, KSENIYA M	0.00	3,045.65
108180	1/25/2021	047585	DOLQUIST, BRANDON A	0.00	2,314.49
108181	1/25/2021	047783	FULLWILER, STACEY	0.00	2,338.79
108182	1/25/2021	047458	GRADY, MARY R	0.00	3,251.47
108183	1/25/2021	047090	HULVERSON, KRISTINA F	0.00	3,759.76

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108184	1/25/2021	047128	JOHNSON, KATHY JOANNE	0.00	180.19
108185	1/25/2021	047550	KAM, AMY	0.00	2,347.40
108186	1/25/2021	047132	KIMMEL, TRACY L	0.00	1,704.28
108187	1/25/2021	047126	LAIRD, CATHRYN M ✓	0.00	4,381.83
108188	1/25/2021	047467	MCDONNELL, KIRSTEN J	0.00	2,512.56
108189	1/25/2021	047766	MILLER, CHARITY TRUE	0.00	3,573.11
108190	1/25/2021	047505	SMITH, LINDSAY D	0.00	1,613.75
108191	1/25/2021	030607	TREMBLE, TERESA G	0.00	2,228.90
108192	1/25/2021	047282	AKEN, JEFFREY M	0.00	2,941.17
108193	1/25/2021	046927	BURTSCHKE, HEATHER R	0.00	2,323.94
108194	1/25/2021	047745	HAMILTON, LOREEN G	0.00	3,732.50
108195	1/25/2021	047707	HITE, CARRIE ✓	0.00	5,264.10
108196	1/25/2021	044121	HOLMES, JULIE MARIE - Term, lump payout	0.00	13,765.35
108197	1/25/2021	002713	MCGINTY, KIM L	0.00	2,569.93
108198	1/25/2021	047717	SHINODA, DENISE	0.00	2,038.46
108199	1/25/2021	043745	SPENCER, RYAN J	0.00	3,609.79
108200	1/25/2021	047601	VELASCO, LORNA A	0.00	1,017.15
108201	1/25/2021	047570	WEBER, CHRISTOPHER	0.00	2,944.63
108202	1/25/2021	002092	ANDERSON, SCOTT D	0.00	2,840.29
108203	1/25/2021	031012	BARTH, ANGELA LOUISE	0.00	2,266.63
108204	1/25/2021	047705	EDMUNDS, DANIELLE K	0.00	1,210.03
108205	1/25/2021	047031	HEARNE, ROBERT A	0.00	2,128.56
108206	1/25/2021	047009	HOUGHTON, KENNETH L	0.00	3,403.45
108207	1/25/2021	046956	KUHNHAUSEN, QUINN D	0.00	3,821.18
108208	1/25/2021	042634	PETERSON, MARK D	0.00	2,441.54
108209	1/25/2021	046930	SHEPHERD, TORIN E	0.00	2,182.56
108210	1/25/2021	047611	SKIPTON, HOLLY LEE ANN	0.00	349.47
108211	1/25/2021	047703	SWANEY, KEVIN S	0.00	2,510.26
108212	1/25/2021	002097	ANGEVINE, MARGARET E	0.00	2,907.57
108213	1/25/2021	047613	ASARO, VALERIE G	0.00	1,613.08
108214	1/25/2021	047372	BODMER, KAY A	0.00	1,681.67
108215	1/25/2021	002173	BROWN, MICHAEL K	0.00	2,284.44
108216	1/25/2021	046077	DAVIS, MATTHEW A	0.00	1,826.81
108217	1/25/2021	037785	JAMMERMAN, TROY SCOTT	0.00	2,565.57
108218	1/25/2021	033770	JEFFRIES, KEVIN M	0.00	2,646.71
108219	1/25/2021	002441	KENCKE, DANIEL L	0.00	2,581.79
108220	1/25/2021	047617	KULAK, JOSEPH M	0.00	1,856.35
108221	1/25/2021	047619	LAURITZEN, ANDREW J	0.00	1,856.32

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108222	1/25/2021	002484	LOESCH, SHARON D	0.00	2,587.36
108223	1/25/2021	002491	LOVITT, TINA M	0.00	2,400.24
108224	1/25/2021	002536	MINNIX, SPENCER D	0.00	2,235.48
108225	1/25/2021	045571	MIODUSZEWSKI, QUINTEN T	0.00	1,972.88
108226	1/25/2021	044114	MISSEL, JESSICA E	0.00	2,372.84
108227	1/25/2021	002581	O'NEAL, ERIC P	0.00	2,868.12
108228	1/25/2021	047147	POLK, MARY G	0.00	1,790.28
108229	1/25/2021	046585	RAYNER SHEPARD, DARCEY LYNNE	0.00	3,091.74
108230	1/25/2021	002633	REZNICK, ALAN G	0.00	2,721.19
108231	1/25/2021	037566	ROBBINS, SHARYN D	0.00	1,231.59
108232	1/25/2021	047146	RODRIGUEZ, JOSE M	0.00	1,742.60
108233	1/25/2021	047460	SCHAEFER, SANDY M	0.00	1,656.52
108234	1/25/2021	039752	SCHWEIKHARDT, ERIK P	0.00	2,405.59
108235	1/25/2021	024738	SEHNER, KEVIN M	0.00	2,847.88
108236	1/25/2021	046770	STACHOWIAK, MATTHEW L	0.00	1,922.53
108237	1/25/2021	039875	STORM, ANDREW HARRISON	0.00	2,687.54
108238	1/25/2021	002776	TOLONEN, CHRISTOPHER L	0.00	2,667.11
108239	1/25/2021	002787	TUCHEK, DAVID W - merit bonus	0.00	7,449.39
108240	1/25/2021	047499	UNCAPHER, HEATH W	0.00	1,653.63
108241	1/25/2021	002794	VAN DE VANTER, SCOTT E	0.00	2,828.11
108242	1/25/2021	039750	VILLASENOR, JOSE N	0.00	2,288.85
108243	1/25/2021	002156	BOGGS, MARTY E	0.00	3,383.53
108244	1/25/2021	047545	BRITTON, AMBER J - term - lump payout	0.00	5,674.81
108245	1/25/2021	047733	BROOKS, JULIJANA L	0.00	300.51
108246	1/25/2021	047510	CARTER, KATHLEEN M	0.00	327.99
108247	1/25/2021	046724	CRAIN, JOHN D	0.00	118.19
108248	1/25/2021	047729	DEEPAK, SAHANA	0.00	104.07
108249	1/25/2021	045678	DUNAJSKA, JANA	0.00	173.17
108250	1/25/2021	047394	FRASER, KATHERINE M	0.00	2,774.20
108251	1/25/2021	047801	GILLET, PIPER RAY	0.00	50.22
108252	1/25/2021	047295	GORDON, MICHELLE L	0.00	823.17
108253	1/25/2021	047586	GUPTIL, JEFFREY J	0.00	2,052.69
108254	1/25/2021	002365	HAGEN, JEFFREY A	0.00	3,298.97
108255	1/25/2021	046851	HALEY, LISA W	0.00	497.27
108256	1/25/2021	047596	HEWITT, LAUREN L	0.00	438.80
108257	1/25/2021	046759	HORNER, AUSTIN R	0.00	2,181.28
108258	1/25/2021	002427	JOHNSON, LUCINDA B	0.00	2,968.69
108259	1/25/2021	047277	KENNEDY, BETHANY M	0.00	3,281.29

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108260	1/25/2021	040756	LOCKE, MICHAEL P	0.00	2,343.68
108261	1/25/2021	037275	MAYNARD, ALI MARIE	0.00	2,512.35
108262	1/25/2021	002607	PHILLIPS, KAREN L	0.00	2,687.09
108263	1/25/2021	047345	PRATT, BRITTANY N	0.00	2,417.57
108264	1/25/2021	047162	RAY, LYNN A	0.00	57.32
108265	1/25/2021	047647	SCHWARTZ, KATHERINE A	0.00	2,618.99
108266	1/25/2021	040852	SMITH, SAMANTHA ERIN	0.00	12,889.64
108267	1/25/2021	047139	SMITH, SIDNEY ELIZABETH	0.00	2,299.62
108268	1/25/2021	047650	VAN DER VEEN, MELISSA A	0.00	345.82
108269	1/25/2021	047811	ADAMS-LEE, KATHRYN	0.00	2,779.36
108270	1/25/2021	047620	ALLEN, JAIME MARIE	0.00	1,705.71
108271	1/25/2021	047063	ATWOOD, MICHAEL T	0.00	1,799.37
108272	1/25/2021	047347	AWAD, HEBATALLAH	0.00	2,963.88
108273	1/25/2021	047358	BABU, SEETHU M	0.00	2,627.09
108274	1/25/2021	002135	BEAM, CATHERINE A	0.00	2,283.93
108275	1/25/2021	046781	BENGOCHEA, TALON A	0.00	3,506.40
108276	1/25/2021	046676	BIEN, ALARIC	0.00	3,285.72
108277	1/25/2021	046866	BISHOP, CYNTHIA ANN	0.00	1,977.37
108278	1/25/2021	047551	BORDEAUX, DENNIS K	0.00	3,267.26
108279	1/25/2021	046978	BOTTMAN, CRAIG R	0.00	3,154.21
108280	1/25/2021	047501	BROWN, BRUCE C	0.00	3,053.18
108281	1/25/2021	032608	BUCKINGHAM, BROOKE ELAINE	0.00	3,643.13
108282	1/25/2021	047807	BURROUGHS, BRIANNA VICTORIA	0.00	1,093.42
108283	1/25/2021	002191	CAIRNS, DONALD W	0.00	4,547.39
108284	1/25/2021	046608	CHAPMAN, CAROLINE K	0.00	2,326.35
108285	1/25/2021	046827	CHOW, KWAN-LEUNG ANDY	0.00	3,958.41
108286	1/25/2021	023137	CHURCHILL, JEFFREY D	0.00	3,343.13
108287	1/25/2021	047016	CRAWFORD, DUSTIN L	0.00	3,172.92
108288	1/25/2021	035145	DANE, PETER B	0.00	3,211.51
108289	1/25/2021	046728	DAUB, JODI L	0.00	2,552.86
108290	1/25/2021	002266	DIETZ, KIMBERLY S	0.00	3,378.63
108291	1/25/2021	047754	FREY, BECKYE	0.00	2,891.30
108292	1/25/2021	047704	FRY, PATRICK H	0.00	2,738.02
108293	1/25/2021	046807	GOUCHER, JANISE M	0.00	2,650.02
108294	1/25/2021	047587	HELLAND, CAROL V	0.00	3,138.37
108295	1/25/2021	047802	HITCH, JANELLE C	0.00	3,886.71
108296	1/25/2021	033364	HUFFMAN, ERIN MICHELLE	0.00	2,884.58
108297	1/25/2021	037253	JODH, DEEPALI S	0.00	3,043.28

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108298	1/25/2021	002426	JOHNSON, JOSEPH S	0.00	3,354.97
108299	1/25/2021	042879	KEELING, KIMBERLY HEATHER	0.00	2,458.31
108300	1/25/2021	047610	KEIM, ELISE K	0.00	2,262.71
108301	1/25/2021	002437	KELLEY, JAY D	0.00	3,481.17
108302	1/25/2021	047054	KIRSCHENMANN, TREVOR D	0.00	2,502.47
108303	1/25/2021	047710	KUNG, KIMBERLY J	0.00	3,217.09
108304	1/25/2021	047697	KUTZMARK, TAMMY M	0.00	2,762.91
108305	1/25/2021	046886	LARSON, MARC A	0.00	3,065.84
108306	1/25/2021	047809	LAU, CHIN C	0.00	3,604.20
108307	1/25/2021	047092	LEE, DAVID B	0.00	3,463.76
108308	1/25/2021	002471	LEE, GARY Y	0.00	3,008.55
108309	1/25/2021	047778	LEFCOURTE, IAN	0.00	2,771.93
108310	1/25/2021	002089	LEWIS, CAROLEE D	0.00	3,464.14
108311	1/25/2021	047072	LU, ZHENG	0.00	2,904.74
108312	1/25/2021	047070	LUO, MIN	0.00	2,685.67
108313	1/25/2021	002496	LYNCH, JASON G ✓	0.00	4,829.17
108314	1/25/2021	002513	MCARTHY, CARL D	0.00	2,391.66
108315	1/25/2021	047530	MCDONALD III, JAMES M	0.00	2,714.52
108316	1/25/2021	047572	MCGONAGALL, ODHRAN M	0.00	2,824.65
108317	1/25/2021	033651	MCLEOD, KENNETH P	0.00	2,991.34
108318	1/25/2021	002530	MEERSCHIEDT, GLORIA J	0.00	1,600.43
108319	1/25/2021	047538	MEREDITH, RICHARD L	0.00	1,770.01
108320	1/25/2021	032904	MOE, JOZANNE W	0.00	3,267.84
108321	1/25/2021	047725	MOLINE, STEPHANIE	0.00	2,478.86
108322	1/25/2021	047803	MONTES DE OCA, KHARISMA NIOMI	0.00	3,256.93
108323	1/25/2021	047573	MUELLER, JOSHUA S	0.00	2,343.04
108324	1/25/2021	047461	MURILLO, DUNIEL M	0.00	2,047.69
108325	1/25/2021	047359	MURPHY, ROBERT L	0.00	2,882.61
108326	1/25/2021	002552	MYER, W J	0.00	2,602.84
108327	1/25/2021	047781	MYERS, ELIZABETH	0.00	1,885.48
108328	1/25/2021	040498	MYERS, LANAYA M	0.00	2,275.26
108329	1/25/2021	047439	NGUYEN, VINH	0.00	2,613.85
108330	1/25/2021	035358	POOLE, HEIDI ANN	0.00	2,747.49
108331	1/25/2021	047552	PRADO, FATIMA L	0.00	2,366.81
108332	1/25/2021	047537	PRIGMORE, CHRISTOPHER R	0.00	3,457.88
108333	1/25/2021	046976	PYLE, SARAH K	0.00	3,825.86
108334	1/25/2021	047251	REYNOLDS, SCOTT M	0.00	2,640.84
108335	1/25/2021	046942	RIENTJES, JOHN D	0.00	3,337.65

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108336	1/25/2021	046737	ROSS, MICAH A	0.00	2,971.90
108337	1/25/2021	047544	RUFFIN, AARON L	0.00	3,550.61
108338	1/25/2021	047792	RUTHERFORD, TISZA A	0.00	2,867.66
108339	1/25/2021	047504	SALLEY, TIMOTHY T	0.00	2,728.12
108340	1/25/2021	046926	SCHIMMEL-BRISTOW, MATTHEW D	0.00	2,636.71
108341	1/25/2021	047808	SCHMECK, NICHOLAS T	0.00	2,290.49
108342	1/25/2021	046938	SCHMIDT, WILLIAM J	0.00	2,894.57
108343	1/25/2021	046849	SEAL, MARVIN L	0.00	3,143.79
108344	1/25/2021	047529	SHANNON, SCOTT L	0.00	3,078.97
108345	1/25/2021	035336	SHEPARD, BRETT MORRIS	0.00	3,522.03
108346	1/25/2021	046890	SHREFFLER, RONALD J	0.00	3,061.69
108347	1/25/2021	047618	SIEGLE, KATHLEEN J	0.00	2,287.41
108348	1/25/2021	047752	STEELE, ANDREW	0.00	2,985.38
108349	1/25/2021	047780	STEPHAN, ALICIA	0.00	2,273.45
108350	1/25/2021	046983	STICKA, BENJAMIN T	0.00	2,703.65
108351	1/25/2021	002733	STITELER, SARAH J	0.00	3,026.45
108352	1/25/2021	047643	TAYLOR, JEFFREY G	0.00	2,616.87
108353	1/25/2021	002781	TREHARNE, RICHARD N	0.00	902.82
108354	1/25/2021	047525	TRUONG, MAN N	0.00	3,673.55
108355	1/25/2021	047015	VERMILLION, JESSE D	0.00	3,043.51
108356	1/25/2021	046773	ZAPATA, CAMERON A	0.00	2,713.17
108357	1/25/2021	047715	ZENDT, BEVERLY M	0.00	4,830.18
108358	1/25/2021	047776	ALDEN, JARED SCOTT	0.00	5,066.48
108359	1/25/2021	047739	ALEKSANDRUK, VIKTORIYA I	0.00	1,682.05
108360	1/25/2021	041852	ALLEN JR, MICHAEL LEROY	0.00	2,697.78
108361	1/25/2021	047702	ALMAS, DEVIN A	0.00	3,945.78
108362	1/25/2021	002104	ATKINSON, JOHN M	0.00	6,138.42
108363	1/25/2021	040851	ATKINSON, REBECCA MARY	0.00	3,011.41
108364	1/25/2021	047595	BAKER, CORI C	0.00	2,408.04
108365	1/25/2021	047118	BALAZIC, CAMERON M	0.00	3,192.05
108366	1/25/2021	002115	BALAZIC, MARY S	0.00	2,739.70
108367	1/25/2021	047624	BARNARD, EVAN KALANI	0.00	2,537.60
108368	1/25/2021	046924	BARNES, JENNA L	0.00	1,967.49
108369	1/25/2021	047227	BARNES, MICHAEL J	0.00	3,051.25
108370	1/25/2021	046684	BAUER, KRISTA M	0.00	4,971.96
108371	1/25/2021	002136	BEARD, JULIE L	0.00	3,839.32
108372	1/25/2021	036495	BOLLERUD, JESSE D	0.00	3,528.90
108373	1/25/2021	002161	BOWMAN, TODD W	0.00	2,334.37

*-working out of class
term holiday/vacation payout*

-Fitness bonus

-Fitness bonus/OT

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108374	1/25/2021	047726	CARLSON, KATHRYN E	0.00	2,053.20
108375	1/25/2021	036498	CASSIDY, JASON TRAVIS	0.00	3,059.83
108376	1/25/2021	038386	CHIVINGTON, SABRINA L	0.00	3,451.52
108377	1/25/2021	002217	CHUNG, PAUL K	0.00	3,689.45
108378	1/25/2021	043897	CLARK, NOEL BENJAMIN	0.00	3,020.77
108379	1/25/2021	002221	CLEMMONS, ROBERT L	0.00	3,346.53
108380	1/25/2021	002222	COATS, BRIAN K ✓	0.00	4,887.45
108381	1/25/2021	046711	COLLINS, BEAU B	0.00	3,818.29
108382	1/25/2021	033362	CORBRAY, KIMBERLY LAJOYCE	0.00	2,698.21
108383	1/25/2021	046777	CORK, AARON M - fitness bonus / OT	0.00	5,174.69
108384	1/25/2021	047794	CRAWFORD, JACOB D	0.00	2,247.30
108385	1/25/2021	047716	DAGLEY, HAYDEN JM	0.00	2,941.78
108386	1/25/2021	041739	D'AMICO, NATALIE LYNNE	0.00	3,748.52
108387	1/25/2021	002252	DAVIES, COLIN M	0.00	2,992.43
108388	1/25/2021	036099	DENNEHY, MARIA AGNES	0.00	1,740.03
108389	1/25/2021	046616	DOWNING, GEORGE E - OT	0.00	4,006.76
108390	1/25/2021	047099	EDWARDS, RENARD T	0.00	2,940.31
108391	1/25/2021	045947	FISHER, JASON C	0.00	3,257.51
108392	1/25/2021	047536	FORD, JAMIE L	0.00	3,289.13
108393	1/25/2021	002322	FULLER, MARTIN S ✓	0.00	4,622.59
108394	1/25/2021	023285	GATELY, TIMOTHY J ✓	0.00	4,316.23
108395	1/25/2021	045609	GAUTHIER, ERIN V	0.00	2,302.91
108396	1/25/2021	039332	GEORGE, RYAN M - OT	0.00	4,863.31
108397	1/25/2021	047260	GONZALES, SANDRA E	0.00	1,757.96
108398	1/25/2021	002557	GRAMLEY, PATRICIA SUE	0.00	3,535.52
108399	1/25/2021	035033	GRESHAM III, THOMAS E	0.00	2,550.25
108400	1/25/2021	046604	HALL, BRIAN W	0.00	3,254.91
108401	1/25/2021	047120	HAMMOND, CAROL C	0.00	1,956.54
108402	1/25/2021	047293	HASTINGS JR, TERRY L	0.00	2,245.67
108403	1/25/2021	046783	HECHT, TONI J	0.00	2,199.61
108404	1/25/2021	047098	HINDMARCH, JOHN N - fitness bonus	0.00	4,211.51
108405	1/25/2021	047402	HOCHHALTER, STACY M	0.00	2,284.80
108406	1/25/2021	047576	HOOD, BRIAN L	0.00	2,884.04
108407	1/25/2021	046885	HORN, JORDAN J	0.00	2,730.39
108408	1/25/2021	046593	JENSEN, TERRI J	0.00	2,270.36
108409	1/25/2021	002429	JONES, JEFFREY M	0.00	3,479.95
108410	1/25/2021	047614	JONES, NATALIE M	0.00	2,260.74
108411	1/25/2021	038227	JONES, TAY MICHAEL - fitness bonus	0.00	4,273.00

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108412	1/25/2021	046789	JUREK, VICTORIA R	0.00	0.00
108413	1/25/2021	047788	KAPANA, KAITLIN ANN	0.00	2,351.73
108414	1/25/2021	038000	KAPTUR, KEVIN SAENZ	0.00	2,708.08
108415	1/25/2021	047810	KEMP, TONYA M	0.00	1,097.86
108416	1/25/2021	047806	KROLL, HESUSA MARIE	0.00	2,498.82
108417	1/25/2021	002460	KRUEGER, DOUGLAS M - OT	0.00	4,035.86
108418	1/25/2021	047777	LAZO, RYAN MICHAEL	0.00	3,000.09
108419	1/25/2021	046821	LIAN, SASHA D	0.00	2,361.40
108420	1/25/2021	002479	LINCOLN, STEVEN K - OT	0.00	4,490.60
108421	1/25/2021	047793	LOPEZ, AMBER NICOLE	0.00	2,453.10
108422	1/25/2021	047738	LOWE, DARRELL L ✓	0.00	5,336.92
108423	1/25/2021	023196	MCADAM, MATHEW W	0.00	2,544.31
108424	1/25/2021	035330	MCCORMICK, MICHAEL EDWARD	0.00	3,037.55
108425	1/25/2021	047035	MCMILLAN, TANYA J	0.00	2,422.02
108426	1/25/2021	047124	MCNAMARA, DANIEL J	0.00	2,676.21
108427	1/25/2021	047298	MENDEZ, MICHAEL D	0.00	2,958.10
108428	1/25/2021	047724	MENDOZA, DANIEL V	0.00	2,597.97
108429	1/25/2021	047142	MITCHELL, CHRISTINE E	0.00	3,073.67
108430	1/25/2021	047727	MOSER, CURTIS D	0.00	2,434.48
108431	1/25/2021	047234	MULLEN, SHERYL A	0.00	3,320.60
108432	1/25/2021	047383	NAROSKI, JACQUELINE L	0.00	1,764.55
108433	1/25/2021	047728	O'TOOLE, JULIA L	0.00	2,533.64
108434	1/25/2021	046702	OTT, LEAH M	0.00	458.45
108435	1/25/2021	035140	OVERMAN, SCOTT F	0.00	3,245.36
108436	1/25/2021	037116	PALMER, JAMIN M	0.00	3,020.05
108437	1/25/2021	033922	PARSONS JR, WILLIAM THOMAS	0.00	3,033.97
108438	1/25/2021	002592	PATRICK, GREGORY L	0.00	3,165.59
108439	1/25/2021	002847	PAULSEN, JAMES R	0.00	3,042.33
108440	1/25/2021	047055	PEARLSTEIN, ALEXIS P	0.00	2,965.19
108441	1/25/2021	047343	PERKINS, ZACHARY A	0.00	2,777.10
108442	1/25/2021	033434	PERRY, BRANDY NICOLE	0.00	2,547.74
108443	1/25/2021	002601	PERRY, JAMES J	0.00	2,002.64
108444	1/25/2021	002602	PETERS, MICHAEL T	0.00	2,323.39
108445	1/25/2021	047082	PETERSON, ROBERT L	0.00	2,790.76
108446	1/25/2021	002296	PRYOR, ANNMARIE F	0.00	3,870.85
108447	1/25/2021	047609	RAPCAN, JOSEPH S	0.00	2,605.83
108448	1/25/2021	047498	REHAUME, ERIC I - fitness bonus / OT	0.00	5,060.82
108449	1/25/2021	002631	RENGGLI, LISA R	0.00	2,133.35

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108450	1/25/2021	047087	ROBERTSON, LISA L	0.00	3,037.51
108451	1/25/2021	047433	ROMAIN, BRYSON - <i>Fitness bonus</i>	0.00	5,161.90
108452	1/25/2021	046985	ROMERO, NICHOLAS S	0.00	2,887.07
108453	1/25/2021	036093	RUHLAND, ELIZABETH F - <i>merit bonus</i>	0.00	4,937.29
108454	1/25/2021	002662	SANDIN, JEREMY B	0.00	2,877.64
108455	1/25/2021	047257	SCHMIDT, JEFFREY M	0.00	2,961.26
108456	1/25/2021	047773	SCILEPPI, GREGORY SCOTT	0.00	2,512.73
108457	1/25/2021	002678	SHANKS, CRAIG D	0.00	3,350.17
108458	1/25/2021	035136	SHONE, CHRISTOPHER JOSEPH	0.00	3,042.46
108459	1/25/2021	046973	SIMON, BETH A	0.00	1,644.45
108460	1/25/2021	047500	SINCLAIR, RASHAUN T	0.00	3,290.89
108461	1/25/2021	046829	SLADE, ALIYYAH	0.00	2,844.72
108462	1/25/2021	039985	SMITH, DANIEL MYERS	0.00	3,491.67
108463	1/25/2021	047410	STANLEY, TIFFANY R	0.00	1,901.77
108464	1/25/2021	037867	STEARNS, KEVIN D - <i>Fitness bonus</i>	0.00	4,536.47
108465	1/25/2021	035638	STEVENS, COREY N - <i>OT</i>	0.00	4,336.65
108466	1/25/2021	047338	TELL, CORY C	0.00	3,009.70
108467	1/25/2021	046929	THOMPSON, LORENA E	0.00	2,409.96
108468	1/25/2021	046925	TINGLEY, JOSEPH D	0.00	3,393.97
108469	1/25/2021	047131	TOLBERT, MARSHALL HOLDEN MCCLE	0.00	3,026.52
108470	1/25/2021	047522	TOMLINSON, TY R	0.00	2,643.69
108471	1/25/2021	047712	TRAN, STEVEN Q	0.00	2,505.17
108472	1/25/2021	002790	TWENTY, GREGORY L	0.00	3,549.20
108473	1/25/2021	002464	TYCHSEN, ANNE T	0.00	3,054.03
108474	1/25/2021	047401	VERWAHREN, TYLER J	0.00	2,750.16
108475	1/25/2021	047097	WENZEL, ZACHARY D	0.00	2,766.31
108476	1/25/2021	039435	WERRE, CRAIG V	0.00	2,480.35
108477	1/25/2021	002852	WHITEAKER, VALERIE L	0.00	2,340.48
108478	1/25/2021	047344	WOLF-BUCK, ANDREA B	0.00	2,612.07
108479	1/25/2021	047785	FLUDE, STEVEN T ✓	0.00	5,009.57
108480	1/25/2021	047700	JUAREZ, DAVID ✓	0.00	5,002.57
108481	1/25/2021	047109	AL-ALI, BASSAM T ✓	0.00	4,153.87
108482	1/25/2021	002107	AVERILL, JOSEPH P ✓	0.00	4,027.41
108483	1/25/2021	047644	CLARK, CODY	0.00	1,919.43
108484	1/25/2021	041082	CRIDDLE, PATRICIA SALINAS ✓	0.00	4,168.16
108485	1/25/2021	002242	CRITTENDEN, ROBERT T	0.00	3,978.46
108486	1/25/2021	030855	CRIVELLO, MARILEE	0.00	1,394.74
108487	1/25/2021	047661	DARDANIA, ILIR	0.00	3,015.26

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108488	1/25/2021	046648	DAWSON, ERIC C - merit bonus	0.00	7,425.66
108489	1/25/2021	002330	GIBBS, STEVEN C	0.00	3,978.31
108490	1/25/2021	046762	GOLDMAN JR, JAMES PATRICK	0.00	3,962.35
108491	1/25/2021	002370	HALEY, MICHAEL K ✓	0.00	4,134.26
108492	1/25/2021	002372	HALVORSEN, RICHARD A	0.00	3,122.85
108493	1/25/2021	046857	LACOURSE, JAMES M	0.00	2,612.45
108494	1/25/2021	047017	MCLAIN, ELIZABETH A	0.00	2,546.48
108495	1/25/2021	039881	MORK, JOHN E	0.00	3,229.06
108496	1/25/2021	046873	NOBLE, AARON B	0.00	2,892.93
108497	1/25/2021	040436	O'LEARY II, JOSEPH PATRICK	0.00	3,855.83
108498	1/25/2021	002593	PAUL, DAVID M	0.00	2,162.36
108499	1/25/2021	046880	SHERRILL, COLIN A	0.00	2,930.13
108500	1/25/2021	002702	SINGER, LISA S	0.00	3,969.40
108501	1/25/2021	002723	SPANGLER, JON C	0.00	3,635.90
108502	1/25/2021	046782	WILKINSON, TESSIE D	0.00	2,313.37
108503	1/25/2021	047469	ATLAKSON, JESSICA J	0.00	3,281.10
108504	1/25/2021	034922	AUER, STACEY LOUISE	0.00	1,715.92
108505	1/25/2021	039642	BALZER, AMANDA RACHEL	0.00	3,513.04
108506	1/25/2021	047112	BARRAGAN, EBERLEY W	0.00	1,149.42
108507	1/25/2021	002172	BROWN, CYNTHIA M	0.00	3,087.89
108508	1/25/2021	002250	DANE, ROGER W	0.00	725.78
108509	1/25/2021	047497	DETTELBAACH, ANNE M	0.00	2,266.52
108510	1/25/2021	046814	ENTINGER, NICHOLAS M	0.00	2,717.43
108511	1/25/2021	047091	FLANAGAN, EMILY ANNE LARSON	0.00	3,122.96
108512	1/25/2021	042056	HARDY, THOMAS W	0.00	2,990.58
108513	1/25/2021	002399	HITCH, STEPHEN J	0.00	3,986.39
108514	1/25/2021	002404	HOLTE, PETER D	0.00	2,640.70
108515	1/25/2021	047535	KEEFE, ERLINDA J	0.00	2,215.56
108516	1/25/2021	002527	MCQUARY, SCOTT M	0.00	2,936.06
108517	1/25/2021	047014	MOLDVER, AARON L	0.00	3,705.18
108518	1/25/2021	047708	NICKERSON, CURTIS M	0.00	3,710.20
108519	1/25/2021	046633	PFUNDT, JESSICA N	0.00	1,928.13
108520	1/25/2021	047584	REED JENNINGS, TERESA	0.00	3,378.12
108521	1/25/2021	002639	RIGG, LISA W ✓	0.00	4,086.64
108522	1/25/2021	047003	SCHIMEK, GARY M ✓	0.00	4,218.42
108523	1/25/2021	002751	SWAYNE, DONALD D - merit bonus	0.00	4,224.55
108524	1/25/2021	002765	THOMASSON, SCOTT C ✓	0.00	4,297.94
108525	1/25/2021	002768	THOMPSON, JEFFREY C - merit bonus	0.00	6,819.79

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Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108526	1/25/2021	047226	VENTURATO, ANGIE J	0.00	3,090.50
108527	1/25/2021	046838	WALDO, KENNETH R	0.00	3,127.59
108528	1/25/2021	046986	WELLBORN, CYNTHIA C ✓	0.00	4,018.32
108529	1/25/2021	047116	YOUNG, TALITHA J	0.00	2,410.30
108530	1/25/2021	002120	BARKER, RICHARD D	0.00	3,117.20
108531	1/25/2021	047214	EDWARDS, RICHARD G	0.00	2,119.32
108532	1/25/2021	047632	GRANQUIST, BRAD L	0.00	2,575.92
108533	1/25/2021	047629	MINEO, JAMES	0.00	2,311.24
108534	1/25/2021	046247	PRUISMANN, DERYK L	0.00	2,723.41
108540	1/25/2021	029288	FIX, ERNEST C	0.00	3,306.64
108535	1/25/2021	002455	JUSTICE, JEANNE KOETJE ✓	0.00	4,152.45
108536	1/25/2021	002564	NILSEN, KRISTIN M	0.00	2,284.78
108537	1/25/2021	002634	RHEAUME, ANDREW J ✓	0.00	4,022.05
108538	1/25/2021	002703	SISK, VICTOR R	0.00	2,652.60
108539	1/25/2021	047222	STEINERT, ADRIENNE L	0.00	2,127.33
108541	1/25/2021	047176	COURTER, ANDREW R	0.00	1,942.64
108542	1/25/2021	046240	DONNELLY, BRIAN R	0.00	2,166.28
108543	1/25/2021	046948	EGAN, BRIAN G	0.00	2,253.13
108544	1/25/2021	046743	EKLUND, TAD PHILLIP	0.00	1,772.32
108545	1/25/2021	047138	MACRI, AILA ROSE	0.00	1,910.23
108546	1/25/2021	047805	NELSON, JON A	0.00	1,956.79
108562	1/25/2021	047363	PARRA, HECTOR	0.00	1,672.77
108547	1/25/2021	002728	STEDMAN, RANDALL L	0.00	2,173.33
108548	1/25/2021	046520	STORHOW, JAMES O	0.00	3,285.20
108549	1/25/2021	047153	WARTER, NICHOLAS KENNITH	0.00	1,942.27
108550	1/25/2021	047064	WILEN, KEVIN W	0.00	1,858.87
108551	1/25/2021	047229	ADAMS, NATHAN J	0.00	2,953.19
108552	1/25/2021	038332	BERGERON, YURI IVAN	0.00	2,452.50
108553	1/25/2021	002211	CHO, PAUL S ✓	0.00	4,048.73
108554	1/25/2021	047782	FIELDS, THOMAS	0.00	2,542.87
108555	1/25/2021	002028	KERR, DANIEL M	0.00	3,380.44
108556	1/25/2021	034924	NEWMAN, BRUCE RICHARD ✓	0.00	4,335.64
108557	1/25/2021	047723	SCALES, ANDREW C	0.00	2,427.57
108558	1/25/2021	047376	SCHROEDER, GINA M	0.00	2,654.89
108559	1/25/2021	046493	SHABIR, ADNAN	0.00	3,404.32
108560	1/25/2021	002741	STURTEVANT, TERESA R	0.00	2,375.64
108561	1/25/2021	047642	TSURU, HIDE MI J	0.00	3,414.20
108563	1/25/2021	047804	ARNOLD, HANK WILLIAM	0.00	3,734.71

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Payroll Final Check List

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CITY OF REDMOND

01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108564	1/25/2021	047701	BARRY, NICHOLAS C	0.00	1,875.07
108565	1/25/2021	039769	COLDEN, TED LOUIS	0.00	2,504.30
108566	1/25/2021	047028	EDWARDS, DILLON S	0.00	1,827.39
108567	1/25/2021	039771	FILION, BRYAN MATTHEW	0.00	2,418.15
108568	1/25/2021	024266	HARDY, MARVIN R	0.00	2,639.78
108569	1/25/2021	047604	HOPKE, CLINT J	0.00	1,946.11
108570	1/25/2021	046581	OSBORNE, TRISTON S	0.00	2,806.30
108571	1/25/2021	046876	SEDENO, JUSTIN A	0.00	2,355.45
108572	1/25/2021	047791	THOMPSON, ANDRE M	0.00	1,967.21
108573	1/25/2021	002766	THOMPSON, CRAIG W	0.00	2,024.57
108574	1/25/2021	031263	AGNEW JR, ROBERT JAMES	0.00	2,824.95
108575	1/25/2021	047790	ANDERSON, BRETT P	0.00	1,930.59
108576	1/25/2021	047787	ANDREEV, ILIYA	0.00	1,879.89
108577	1/25/2021	002186	BURTSCHKE, JOHN R	0.00	2,818.69
108578	1/25/2021	046940	BUSKEN, BRIAN K <i>-OT/Comp Paid</i>	0.00	5,999.76
108579	1/25/2021	002192	CALDWELL, KATHRYN C	0.00	1,095.37
108580	1/25/2021	047578	CARRUTHERS, JOSHUA A	0.00	2,186.44
108581	1/25/2021	047368	CHAMBERS, MITCHELL R	0.00	2,076.57
108582	1/25/2021	047508	COUNSELLOR, JESSE A	0.00	1,888.55
108583	1/25/2021	002364	HADDOCK, JACEY D	0.00	2,055.43
108584	1/25/2021	046744	HEATH, JOSEPH J	0.00	1,796.11
108585	1/25/2021	047436	NIELD, BENJAMIN N	0.00	1,934.35
108586	1/25/2021	039981	PECK, RONALD P	0.00	2,117.19
108587	1/25/2021	038004	SARGINSON, DARREN MICHAEL	0.00	2,463.88
108588	1/25/2021	047144	SCHANTZ, EDWARD FREDERICK	0.00	1,916.60
108589	1/25/2021	036088	THOMAS, BRYAN R	0.00	2,644.88
108590	1/25/2021	047749	WOLFF, GABRIELLE	0.00	2,934.89
108591	1/25/2021	047640	CAFFREY, NICHOLAS J	0.00	2,099.74
108592	1/25/2021	047152	CARY, JORDAN S	0.00	2,121.49
108593	1/25/2021	047513	CLARKE, ADAM J	0.00	2,205.05
108594	1/25/2021	046665	GLENN, DAVID W	0.00	3,340.75
108595	1/25/2021	035441	GRINGAUZ, YAKOV <i>-merit bonus/OT</i>	0.00	5,639.97
108596	1/25/2021	047290	KIRAL, JOSEPH M	0.00	1,839.14
108597	1/25/2021	041078	MOORE, STEVEN S	0.00	3,188.55
108598	1/25/2021	047696	PAGEL, REED	0.00	2,146.25
108599	1/25/2021	002638	RICH, PATRICK C	0.00	2,391.83
108600	1/25/2021	047653	SMAY, JOSHUA D	0.00	1,706.55
108601	1/25/2021	047531	CHAMBERS, JONATHAN M ✓	0.00	4,074.38

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Payroll Final Check List

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Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108602	1/25/2021	002267	DISHER, TRACI A	0.00	2,416.63
108603	1/25/2021	047261	EMAMI, DEBRA E	0.00	3,112.76
108604	1/25/2021	047589	KEARNS, JULIE R	0.00	3,449.74
108605	1/25/2021	047753	MEZA, SUE D ✓	0.00	4,304.22
108606	1/25/2021	002848	PRATT BARLOW, CHARLES M - merit bonus	0.00	6,761.11
108607	1/25/2021	002048	RIS, ROMAN	0.00	3,459.78
108608	1/25/2021	047685	SMITH, TIMOTHY W - merit bonus / tuition	0.00	9,563.57
108609	1/25/2021	045949	WERR, DANIEL R - merit bonus	0.00	4,481.85
108610	1/25/2021	047236	WOODYATT, KESTON R	0.00	3,351.82
108611	1/25/2021	046580	EASTHAM, STEVE J	0.00	3,439.18
108612	1/25/2021	002024	HERMANSON, LINDA L ✓	0.00	4,060.82
108613	1/25/2021	046981	KOSINA, CAMERON TJ	0.00	1,001.29
108614	1/25/2021	046982	MCHUGH, MATTHEW J	0.00	2,217.45
108615	1/25/2021	046685	MULLINS, ERIC B	0.00	2,869.91
108616	1/25/2021	047671	WISENER, MICHELLE M	0.00	2,312.39
108617	1/25/2021	002017	BRADY, MELISSA A	0.00	3,573.86
108618	1/25/2021	044400	DULAN, ROMEO DAN	0.00	3,740.10
108619	1/25/2021	002018	FEARS, NATE E	0.00	3,140.37
108620	1/25/2021	002020	GADEPALLI, KIRAN S	0.00	2,562.45
108621	1/25/2021	047818	GEORGE, PETER W	0.00	3,605.65
108622	1/25/2021	040427	KLEIN, KEVIN WAYNE	0.00	3,067.29
108623	1/25/2021	038341	MYERS, STACY R	0.00	3,136.07
108624	1/25/2021	047052	OLIVO, GUSTAVO P	0.00	3,175.88
108625	1/25/2021	047689	COGLIANESE, THOMAS A	0.00	3,573.69
108626	1/25/2021	047772	FETROW, JOHN P	0.00	3,911.72
108627	1/25/2021	046989	LARSEN, JAMES M	0.00	3,546.95
108628	1/25/2021	037234	LAYCOCK, KEITH P ✓	0.00	4,555.80
108629	1/25/2021	047462	MAY AGUILAR, JOSE A	0.00	3,727.82
108630	1/25/2021	046859	SKAW, JULIE A	0.00	3,379.82
108631	1/25/2021	047786	HARDY, KRISTY N	0.00	3,651.71
108632	1/25/2021	046852	JOHNSON, DAWN M	0.00	3,265.52
108633	1/25/2021	046622	O'NEILL, MARIA T	0.00	3,161.74
108634	1/25/2021	046871	SEKHON, SIMRAT S ✓	0.00	4,509.79
Employee Check Totals				0.00	2,132,235.21

Bank: dirdep - KEY BANK

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Payroll Final Check List

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CITY OF REDMOND

01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: dirdep - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
108635	1/25/2021	002086	ALTENBURG, DWIGHT	0.00	0.00
108636	1/25/2021	002108	AVERY, CLINTON R	0.00	0.00
108637	1/25/2021	002201	CAROLAN, EDWARD P	0.00	0.00
108638	1/25/2021	002388	HELGESON, MELVIN	0.00	0.00
108639	1/25/2021	002391	HERDECK JR, GORTON A	0.00	0.00
108640	1/25/2021	002490	LOVETT, ROBERT B	0.00	0.00
108641	1/25/2021	002532	MELLQUEST, FRANK L	0.00	0.00
108642	1/25/2021	002563	NIENABER, MATTHEW J	0.00	0.00
108643	1/25/2021	002580	OLSON, JACK E	0.00	0.00
108644	1/25/2021	002599	PENNER, GEORGE R	0.00	0.00
108645	1/25/2021	002623	RADTKE, RICHARD	0.00	0.00
108646	1/25/2021	002644	ROBERSON, GEORGE G	0.00	0.00
108647	1/25/2021	002677	SEYMOUR, JON E	0.00	0.00
108648	1/25/2021	002693	SHOUMAN, JOHN L	0.00	0.00
108649	1/25/2021	002708	SMITH, DONALD G	0.00	0.00
108650	1/25/2021	002212	CHRISTENSEN, NORMAN A	0.00	0.00
108651	1/25/2021	002244	CROSSLAND, CLYDE R	0.00	0.00
108652	1/25/2021	002324	GAINER, LARRY W	0.00	0.00
108653	1/25/2021	002362	GUTTORMSEN, OSCAR O	0.00	0.00
108654	1/25/2021	002386	HEIMBIGNER, CORWIN T	0.00	0.00
108655	1/25/2021	002454	KOENIG, KENNETH F	0.00	0.00
108656	1/25/2021	024368	KRIEBLE, JAMES H	0.00	0.00
108657	1/25/2021	002541	MOOTHART, RICHARD S	0.00	0.00
108658	1/25/2021	002613	POTTS, GEORGE E	0.00	0.00
108659	1/25/2021	002664	SATHER, WENDELL H	0.00	0.00
108660	1/25/2021	002682	SHEEHAN, ROBERT W	0.00	0.00
108661	1/25/2021	002756	TAYLOR, JAMES W	0.00	0.00
108662	1/25/2021	002782	TRENT, CARL E	0.00	0.00
108663	1/25/2021	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
108664	1/25/2021	050	HRA VEBA TRUST	0.00	16,015.17
108665	1/25/2021	019	NAVIA BENEFIT SOLUTIONS	0.00	9,637.22

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Payroll Final Check List
CITY OF REDMOND

01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: dirdep - KEY BANK
Benefit Checks

Check #	Date	Payee #	Name	Check Amt	Direct Deposit
108666	1/25/2021	009	REDMOND POLICE BENEVOLENT FUND	0.00	435.00
Total				0.00	26,087.39
Payee Totals				0.00	26,087.39
Bank dirdep Totals (711 Forms)				0.00	2,158,322.60

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Payroll Final Check List
CITY OF REDMOND

01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: eft - KEY BANK
Benefit Checks

Check #	Date	Payee #	Name	Check Amt	Direct Deposit
1274	1/25/2021	001	DEPARTMENT OF RETIREMENT LEOFF	186,475.09	0.00
1272	1/25/2021	002	DEPARTMENT OF RETIREMENT PERS	359,788.66	0.00
1271	1/25/2021	026	ELECTRONIC FEDERAL TAX PAYMENT	443,533.94	0.00
1273	1/25/2021	020	METLIFE C/O FASCORE, LLC	49,231.31	0.00
1275	1/25/2021	021	WASH ST CHILD SUPPORT	1,498.28	0.00
Total				1,040,527.28	0.00
Payee Totals				1,040,527.28	0.00
Bank eft Totals (5 Forms)				1,040,527.28	0.00

Payroll Final Check List

CITY OF REDMOND

01/01/2021 to 01/15/2021- Type 2 Cycle s

Bank: pr - KEY BANK

Check #	Date	Employee #	Name	Check Amt	Direct Deposit
186577	1/25/2021	047823	JACKSON, DANIEL J	1,813.43	0.00
186578	1/25/2021	047824	MOHNKERN, NICHOLAS J	2,563.28	0.00
186579	1/25/2021	047418	LAMBERT, NICOLE M	257.14	0.00
186580	1/25/2021	002495	LYGA, PATRICK J	2,810.68	0.00
186581	1/25/2021	046714	LOTT, KENNETH E	3,175.78	0.00
186582	1/25/2021	002609	PHILLIPS, MICHAEL G	2,024.23	0.00
186583	1/25/2021	002424	JIN, JEROME J	19,852.23	0.00
186584	1/25/2021	047813	LEUPOLD, DANIEL ROBERT	2,103.45	0.00
Employee Check Totals				34,600.22	0.00

Bank: pr - KEY BANK

Benefit Checks

Check #	Date	Payee #	Name	Check Amt	Direct Deposit
186585	1/25/2021	056	AMERICAN LEGAL SERVICES, TEAMS	571.96	0.00
186586	1/25/2021	048	FIREFIGHTER'S BENEVOLENT FUND	80.00	0.00
186587	1/25/2021	057	NORTHWEST ADMINISTRATORS, TEAM	284.55	0.00
186588	1/25/2021	049	REDMOND POLICE FOUNDATION	176.67	0.00
186589	1/25/2021	058	TEAMSTERS LOCAL 117, RPA DUES	5,463.31	0.00
186590	1/25/2021	010	WA STATE COUNCIL OF, POLICE &	610.00	0.00
Total				7,186.49	0.00
Payee Totals				7,186.49	0.00
Bank pr Totals (14 Forms)				41,786.71	0.00
Grand Total				1,082,313.99	2,158,322.60

Next Step: Account Posting (AP)

Pay Period is Open (Locked)

Totals Checks and Direct Deposit (730 Forms) 3,240,636.59

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Payroll Final Check List
CITY OF REDMOND
01/01/2021 to 01/15/2021- Type 2 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
01/01/2021 to 01/15/2021- Type 2 Cycle s

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Employee Gender Statistics

Number of females paid	240
Number of males paid	476
Total Employees Paid	716

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 431226 through 431444 and Wire Transfers are approved for payment in the amount of \$2,657,528.91

This 2nd day of February 2021.

**CITY OF REDMOND
CHECK APPROVAL REGISTER**

1/20/2021

Check Number	Check Date	Vendor Name	Description	Check amount
431226	1/20/2021	Accurate Auto Body Inc	Work on 2017 Ford Police Interceptor PO 1209161	\$249.15
431227	1/20/2021	Actionworks	Custom Uniform T-Shirts	\$569.70
431228	1/20/2021	Aduro Inc	CC# 6985-4 Productivity Engagement and incentive	\$7,690.00
431229	1/20/2021	AEGIS Engineering PLLC	CC#9599 Professional Fire Engineering Services	\$41,667.50
431230	1/20/2021	American Water Works Association	2021 Membership Dues	\$4,134.00
431231	1/20/2021	Aramark Uniform Services Inc	Uniform Services Park Operations	\$17.51
431232	1/20/2021	Arc Architects Inc	CC# 9163 Redmond Pool Phase II Coordination	\$5,785.18
431233	1/20/2021	Aspect Consulting LLC	CC#8338-2 On Call Geotechnical & Environmental Sv	\$6,657.21
431234	1/20/2021	Associated Petroleum Products Inc	Fuel for Fire Station #11	\$1,989.67
431235	1/20/2021	AT&T Mobility (AKA: FirstNet)	December 2020 Services	\$11,388.84
431236	1/20/2021	Badgleys Landscape LLC	September 2020 2 Services	\$10,024.88
431237	1/20/2021	Bens Cleaner Sales Inc	Pressure Washer Repairs	\$132.69
431238	1/20/2021	Berk Consulting Inc	CC# 9489 2050 Comp Plan Periodic Review	\$6,365.00
431239	1/20/2021	BHC Consultants LLC	CC# 8510 Pump Station 15 Rehabilitation	\$79,561.38
431240	1/20/2021	Board & Vellum LLC	CC#9286 Westside Park Design Consulting	\$35,529.59
431241	1/20/2021	Bobcat of Seattle	Misc Parts	\$594.68
431242	1/20/2021	Bound Tree Medical	Drugs and Pharmaceuticals	\$1,516.84
431243	1/20/2021	Brandon Kissinger	Reimbursement for Costs Incurred	\$42.00
431244	1/20/2021	Brennan Heating and Air Conditioning	Reimburse FTE Error	\$3,451.00
431245	1/20/2021	Brent Krebsbach	Utility Billing Adjustment 18208 NE 105th Ct	\$285.85
431246	1/20/2021	Buenavista Services Inc	CC#8075 Janitorial Cleaning Services DECEMBER 2020	\$24,560.63
431247	1/20/2021	Builders Exchange of Washington Inc	Online Bid Postings	\$375.55
431248	1/20/2021	Cadman Inc	Work at 18080 NE 76TH ST	\$566.81
431249	1/20/2021	Cadre Inc	Hazwoper Refresher Class	\$810.00
431250	1/20/2021	Cascadia Archaeology LLC	Assessment for Conditions at the Archaeological Site	\$1,239.40
431251	1/20/2021	CDW Government LLC	Red Hat Rhels	\$1.04
431252	1/20/2021	Central Welding Supply Co Inc	Oxygen and Cylinder Rentals FD # 18	\$411.27
431253	1/20/2021	CenturyLink	January 2021 Services	\$126.84
431254	1/20/2021	Chaffey Construction Inc	Reimburse License Fees	\$117.00
431255	1/20/2021	City of Bellevue	Service from 10/07 thru 12/08/2020	\$1,071.84
431256	1/20/2021	Cressy Door Company Inc	Work at FD #34 and #16	\$3,859.43
431257	1/20/2021	Daily Journal of Commerce Inc	Bid Advertisements	\$294.00

431258	1/20/2021	Dataquest LLC	Background checks	\$163.20
431259	1/20/2021	David Evans & Associates Inc	CC# 8241-3 Design Engineering for 520 Trail Guide	\$16,055.81
431260	1/20/2021	DBecker Consulting LLC	CC# 9450 Construction Management Consultation	\$1,575.00
431261	1/20/2021	Diamond Parking Services LLC	CC# 9355 Parking enforcement Services Nov 2020	\$8,167.98
431262	1/20/2021	Dick's Towing Inc	12/15/2020 Service	\$110.40
431263	1/20/2021	DLT Solutions LLC	AutoCac Government Multi user Annual	\$2,105.43
431264	1/20/2021	Dovetail Associates LLC	CC#9508 Instructional Programs	\$770.00
431265	1/20/2021	Duvall Auto Parts	Misc Auto Parts	\$76.85
431266	1/20/2021	DZ Fitness	CC# 8978 Zumba Fitness Classes	\$168.00
431267	1/20/2021	Emerald Services Inc	Disposal of Oil Waste FD#16	\$659.50
431268	1/20/2021	Emergent Respiratory	Medium Mask and Circuit (10 Pack)	\$498.60
431269	1/20/2021	Entenmann-Rovin Company	Badges	\$551.50
431270	1/20/2021	EnviroTech Services Inc	Calcium Chloride	\$8,830.74
431271	1/20/2021	Evergreen Health	CC# 5966 Rent Paramedics Qtrs Evergreen FEB 2021	\$1,500.00
431272	1/20/2021	Fastenal Company	Material Vending Machine & Maint Inventory	\$245.79
431273	1/20/2021	Fastsigns of Kirkland	Trespass signs	\$430.50
431274	1/20/2021	Fehr & Peers	CC# 9093 North South Corridors Study Phase 2	\$11,372.52
431275	1/20/2021	Frost Control Systems Inc	Frost Control Sensors - Payment 1 or 4 for Frost C	\$6,750.00
431276	1/20/2021	Galls LLC	Uniform Supplies for Fire	\$734.26
431277	1/20/2021	Gentle Ben's Tree Service Inc	Remove Cottonwood 142nd & Redmond Way PO 1209287	\$4,895.00
431278	1/20/2021	Genuine Parts Co (AKA: NAPA)	Misc Auto Parts	\$780.76
431279	1/20/2021	Gray & Osborne Inc	CC# 9103 SE Redmond Tank	\$22,062.26
431280	1/20/2021	HD Fowler Co Inc	Misc Supplies	\$2,493.35
431281	1/20/2021	Honey Bucket	Portable Toilet Rental Parks	\$220.00
431282	1/20/2021	Hughes Fire Equipment Inc	Misc Parts	\$1,663.00
431283	1/20/2021	Igor Novikov Healing Hands PLLC	Refund Duplicate Payment Business License Fee	\$344.00
431284	1/20/2021	Integrity Structural Engineering PLLC	CC# 8184 Professional Services	\$30,043.27
431285	1/20/2021	Ismail Abousharkh	Utility Billing Adjustment 11886 176th Ave NE	\$168.80
431286	1/20/2021	Julie W Cauthorn	CC# 8983 Tai Chi Instruction	\$270.00
431287	1/20/2021	Kairos Industry LLC	CC# 9548 2021 Public Art Winter Programming	\$1,250.00
431288	1/20/2021	KeyBank National Association	CC# 8375 & CC# 7669 Bank Fees & Services	\$19,604.49
431289	1/20/2021	Kimberly Scott	Utility Billing Adjustment 8713 233rd PI NE	\$215.33
431290	1/20/2021	King County (USE # 061458) I Net Billing	CC# 7765 INet Services December 2020	\$2,155.12
431291	1/20/2021	King County Police Chiefs Association	2021 Annual Dues	\$50.00
431292	1/20/2021	Kone Inc	City Wide Elevator Inspection December 2020	\$6,470.18
431293	1/20/2021	KPG Inc (AKA: KPG PS)	CC# 9116 Construction Inspection & Engineering	\$6,053.50
431294	1/20/2021	Kurita America Inc	Water Treatment PSB December 2020	\$527.13

431295	1/20/2021	Kymeta Corporation	Evolution Satellite Services February 2021	\$255.00
431296	1/20/2021	Lani & Ronald Early	Utility Billing Adjustment 23018 NE 82nd St	\$513.50
431297	1/20/2021	Level 3 Communications LLC	01/08/2021-02/07/2021 IP & Data Services	\$747.55
431298	1/20/2021	Lexipol LLC	2021 Subscription 08/01/2020 - 12/31/2021	\$15,337.00
431299	1/20/2021	Life Assist Inc	Medical Supplies for Fire BLS & ALS	\$19,267.53
431300	1/20/2021	LN Curtis & Sons	Uniforms for Police	\$227.62
431301	1/20/2021	McKinstry Co LLC	Installation of Heaters	\$6,446.00
431302	1/20/2021	McKinstry Essention LLC	CC# 8064 Capital Improvements to Redmond Pool	\$24,825.16
431303	1/20/2021	Minuteman Press	CC# 9218 Business Cards	\$294.75
431304	1/20/2021	National Barricade Co LLC	Sign 48" X 48" Arrow Symbol	\$193.26
431305	1/20/2021	National Fire Fighter Wildland Corp	Various Tools & Equipment	\$10,381.91
431306	1/20/2021	Northwest Tank & Environmental Services Inc	MOC Fuel Tank Testing PO# 1209318	\$1,195.00
431307	1/20/2021	Occupational Health Centers	Employee Medical Exams	\$734.50
431308	1/20/2021	Ogden Murphy Wallace PLLC	Legal Services December 2020	\$49,304.38
431309	1/20/2021	OneRedmond	Marketing for small business PO-1209322	\$5,000.00
431310	1/20/2021	Opsis Architecture LLP	CC# 9579 Redmond Senior and Community Center	\$20,682.50
431311	1/20/2021	Osborn Consulting Inc	CC# 9005 Smith Woods Pond Stream Rehabilitation	\$2,708.23
431312	1/20/2021	Otak Inc	CC# 8904 Engineering Svcs Wastewater Pump Station	\$25,088.82
431313	1/20/2021	Owen Equipment Co	Misc Parts	\$3,364.42
431314	1/20/2021	PalAmerican Security Inc	Mobile Patrol 01/01/21-01/31/21	\$3,932.85
431315	1/20/2021	Pape Material Handling Inc	Claim # R000377 Vehicle 1634	\$7,396.19
431316	1/20/2021	Patricia Bothel	Utility Billing Adjustment 6825 150th Ave NE	\$238.18
431317	1/20/2021	Perteet Engineering Inc	CC# 8009 152nd Ave Main Street Design	\$86,204.34
431318	1/20/2021	Peter Azo	Utility Billing Adjustment 17823 NE 95th Ct	\$254.62
431319	1/20/2021	Praxair Distribution Inc	On Call Welding Parts & Gases	\$139.39
431320	1/20/2021	Premier Media Group Inc	425 Magazine Advertising	\$2,400.00
431321	1/20/2021	Public Safety Selection PC	Post COE Psychological Evaluation	\$400.00
431322	1/20/2021	Puget Sound Clean Air Agency	2021 Clean Air Assessment	\$74,633.00
431323	1/20/2021	Puget Sound Energy Inc	December 2020 Services	\$14,389.27
431324	1/20/2021	PVP Communications	Motorcycle Equipment PO-1209313	\$2,439.87
431325	1/20/2021	Reid Middleton Inc	CC# 8711 FD Preliminary Eng Design Svcs	\$78,589.57
431326	1/20/2021	Republic Services	December 2020 Services	\$81.85
431327	1/20/2021	Revive Realty LLC	Utility Billing Adjustment 16902 NE 88th St	\$135.03
431328	1/20/2021	RW Gate Company	Rotork IQT500 FA10 PO-1208884	\$31,076.00
431329	1/20/2021	Seung Yoo	Utility Billing Adjustment 10159 223rd PI NE	\$317.75
431330	1/20/2021	Shred-It (AKA: Stericycle Inc)	Bio-Waste Disposal	\$72.97
431331	1/20/2021	Shred-It (AKA: Stericycle Inc)	Shredding Service	\$85.85

431332	1/20/2021	Sound Safety Products (DBA: Work N More)	Fall/Winter Uniform for Public Works MOC	\$7,222.23
431333	1/20/2021	Staples Contract & Commercial Inc	Office Supplies	\$547.43
431334	1/20/2021	Stryker Sales Corporation	Misc Parts	\$494.44
431335	1/20/2021	Terex USA LLC	Annual Inspection for veh. # 1157	\$1,985.11
431336	1/20/2021	The Goodyear Tire & Rubber Co	Misc Tires / Services	\$3,997.58
431337	1/20/2021	Topcon Solutions Inc	Pix4D Drone Software PO-1208804	\$537.92
431338	1/20/2021	United Parcel Service (AKA: UPS)	Shipping Services	\$172.07
431339	1/20/2021	Verizon Wireless	December 2020 Services	\$5,984.13
431340	1/20/2021	Washington State Auditor's Office	2020 Audit Services	\$2,318.55
431341	1/20/2021	Washington State Dept of Ecology	CC # 9512 Restoration Site Maintenance Nov 2020	\$15,340.00
431342	1/20/2021	Washington State Dept of Enterprise Services	LESO Annual Participation Fee 01/01/21-12/31/21	\$900.00
431343	1/20/2021	Washington State Dept of Licensing	Concealed Pistol Licenses	\$1,125.00
431344	1/20/2021	Washington State Patrol (Budget and Fiscal)	Background Checks	\$519.00
431345	1/20/2021	Winterbauer & Diamond PLLC	CC# 9013 Counsel for Personnel Matters	\$2,982.61
431346	1/20/2021	Zipty Fiber (AKA: Northwest Fiber LLC)	January 2021 Services	\$943.47
431347	1/20/2021	United States Treasury	Dispute Notice 972CG	\$19,400.00

Total Checks: \$964,942.15

Trans No.	Trans Date	Vendor	Description	
Wire	1/20/2021	Premera	Medical Claims	\$251,729.21

Total Wire Transfers: \$251,729.21

Grand Total: \$1,216,671.36

**CITY OF REDMOND
CHECK APPROVAL REGISTER**

1/27/2021

Check Number	Check Date	Vendor Name	Description	Check amount
431348	1/27/2021	911 Supply Inc	Uniforms and uniform accessories	\$145.33
431349	1/27/2021	Aramark Uniform Services Inc	Uniform Services Park Operations	\$138.51
431350	1/27/2021	Artech Inc	Storage for January 2021	\$125.92
431351	1/27/2021	Aspect Consulting LLC	Steep Slope Buffer Reduction	\$1,415.80
431352	1/27/2021	BHC Consultants LLC	CC # 9109 Pump Station No. 5 & 6 Rehabilitation	\$1,375.64
431353	1/27/2021	Bickford Motors Inc	Misc Auto Parts	\$46.75
431354	1/27/2021	Blue Star Gas - Seattle	Fuel	\$455.08
431355	1/27/2021	Bob Murray & Associates	CC# 9492 Fire Chief Recruitment Services	\$6,023.13
431356	1/27/2021	Buenavista Services Inc	Extra Covid Cleaning September	\$4,051.08
431357	1/27/2021	Cadman Inc	Clear Crushed for Stormwater	\$1,110.94
431358	1/27/2021	Canber Corp	Landscape Maintenance for Site #1, 4, 7, 8, 10, 15	\$8,661.73
431359	1/27/2021	Car Wash Enterprises Inc	December 2020 Services	\$240.00
431360	1/27/2021	Carl Brehm	Utility Billing Adjustment 14804 NE 70TH CT	\$423.07
431361	1/27/2021	Charandeep Hora	Completion of Sidewalk Improvements	\$5,000.00
431362	1/27/2021	City of Edmonds	North Sound SWAT Team Contribution	\$7,191.17
431363	1/27/2021	City of Kirkland	South Reservoir Seismic & Recoating Pre-Design	\$148.18
431364	1/27/2021	City of Redmond	February 2021 Operating Expenses	\$62,903.37
431365	1/27/2021	Contract Land Staff LLC	CC#9032 Rehabilitation of Pump	\$196.25
431366	1/27/2021	Datec Incorporated	Panasonic Toughbook POI 1209119	\$86,421.51
431367	1/27/2021	Davis Instruments Corporation	Rain Collector with Mountable Base	\$227.97
431368	1/27/2021	Dayville Hay & Grain Inc	Hay and Shavings	\$4,560.21
431369	1/27/2021	Dwight Altenburg (Disability CI)	Disability Board Claim	\$342.20
431370	1/27/2021	Earthcorps	Volunteer	\$3,762.00
431371	1/27/2021	Electronic Business Machines	12/24/-01/23/2021 LSH6X2554, V5T7605931	\$105.46
431372	1/27/2021	Ensemble Care For Heroes (AKA: ECMS)	Bunker Gear Repair & Cleaning	\$863.43
431373	1/27/2021	Entenmann-Rovin Company	Badges PO 1209060	\$129.50
431374	1/27/2021	Evergreen Rural Water of Washington	2021 Annual System membership Dues	\$700.00
431375	1/27/2021	Experian	Pre-employment Credit Checks	\$55.00
431376	1/27/2021	Fast Undercar Redmond	Misc Auto Parts	\$624.29
431377	1/27/2021	Fastenal Company	Material Vending Machine & Maint Inventory	\$335.49
431378	1/27/2021	Fire Protection Inc	Work at Novelty Operations	\$140.00
431379	1/27/2021	Fire Systems West Inc	Annual Fire Alarm Monitoring	\$495.00
431380	1/27/2021	Frank Mellquest (Disability Board Claim)	Disability Board Claim	\$1,471.20
431381	1/27/2021	Frank Mellquest (LEOFF-retirement)	February 2021 LEOFF1 Monthly Benefit	\$540.19
431382	1/27/2021	Frix Technologies LLC (DBA: Freedoc)	CC#9465 Records Management Support Services	\$17,265.50
431383	1/27/2021	Full Circle Environmental Inc	Commercial Recycling Outreach PA-2105252	\$4,165.58

431384	1/27/2021	Gallagher Benefit Services Inc	CC# 9364 February 2021 Premiums	\$372,886.91
431385	1/27/2021	Galls LLC	Uniform Supplies for Fire	\$1,370.92
431386	1/27/2021	Gentle Ben's Tree Service Inc	Tree Removal	\$1,650.00
431387	1/27/2021	Genuine Parts Co (AKA: NAPA)	Misc Auto Parts	\$478.69
431388	1/27/2021	George Penner (leoff-retirement)	February 2021 LEOFF1 Monthly Benefit	\$1,210.72
431389	1/27/2021	Golder Associates Inc	Outside Consultant Fees	\$4,948.25
431390	1/27/2021	Harbor Pacific Contractors Inc	CC# 9419 Construction Svcs Pump Station 13	\$66,682.07
431391	1/27/2021	Hayre McElroy & Associates LLC	CC# 9076 On Call Materials Testing	\$7,505.14
431392	1/27/2021	HD Fowler Co Inc	Misc Supplies	\$3,160.98
431393	1/27/2021	Hopelink	CC# 9437 Grant for Contracting Services	\$11,402.70
431394	1/27/2021	Hughes Fire Equipment Inc	Misc Parts	\$186.63
431395	1/27/2021	Industrial Scientific Corp	iNet Gas Monitoring January 2021	\$1,435.69
431396	1/27/2021	InLife Clinic LLC	InLife Consulting December 2020	\$1,991.25
431397	1/27/2021	Julissa Elizabeth Villa	Poetry from the Ground Up - Poet Laureate Project	\$100.00
431398	1/27/2021	Kent D Bruce Co LLC	Misc Parts	\$325.14
431399	1/27/2021	King County	Jail Booking Fees December 2020	\$2,433.00
431400	1/27/2021	Lake Washington Institute of Technology	CC# 9294 Lease Payment for Marymoor Village	\$40,000.00
431401	1/27/2021	Lakeside Industries	Asphalt	\$621.89
431402	1/27/2021	Larry Gainer	Disability Board Claim	\$602.60
431403	1/27/2021	Leotek Electronics USA LLC	Light Fixture	\$422.07
431404	1/27/2021	Life Assist Inc	Medical Supplies for Fire BLS & ALS	\$1,950.36
431405	1/27/2021	LN Curtis & Sons	Uniforms for Police	\$1,938.00
431406	1/27/2021	McLoughlin & Eardley (DBA: Sirennet.com)	Upfitting - lighting for Vehicles #06-1801	\$592.20
431407	1/27/2021	Monika Konrad	Completion of Construction SITE 2018 01604	\$5,000.00
431408	1/27/2021	Mono Rooftop Solutions	Roof Repairs Motley Zoo Building	\$1,358.50
431409	1/27/2021	Nelson Petroleum	Fuel for Fire Fleet	\$1,900.09
431410	1/27/2021	Net Transcripts Inc	Transcription Services	\$11.94
431411	1/27/2021	Occupational Health Centers	Employee Medical Exams	\$793.00
431412	1/27/2021	Omer Tareen	Utility Billing Adjustment - 19400 NE 68th Way	\$200.11
431413	1/27/2021	Owen Equipment Co	Misc Parts	\$232.77
431414	1/27/2021	Pape Kenworth Northwest	Misc Parts	\$612.34
431415	1/27/2021	Penser NorthAmerica Inc	Claim payment check register 12/01/20-12/31/20	\$191,433.49
431416	1/27/2021	Platt Electric Supply	Electrical Supplies	\$490.48
431417	1/27/2021	Puget Sound Energy Inc	December 2020 Services	\$20,413.67
431418	1/27/2021	Quality Towing Inc	Towing Services	\$136.53
431419	1/27/2021	Red Door Real Estate Investments LLC	Utility Billing Adjustment - 14239 NE 80th PI	\$1,240.95
431420	1/27/2021	Richard Radtke (LEOFF 1)	February 2021 LEOFF1 Monthly Benefit	\$90.55
431421	1/27/2021	Robert Lovett	Disability Board Claim	\$11,834.20
431422	1/27/2021	Seattle Automotive Distributing Inc	Misc Auto Parts	\$1,672.11
431423	1/27/2021	SHI International Corp	120/240 Minute Microsoft Teams Call Plan Licenses	\$149.21
431424	1/27/2021	Siemens Industry Inc	CC# 9067-1 Maintenance Services 10/01/20-12/31/20	\$22,966.90

431425	1/27/2021	Sound Safety Products (DBA: Work N More)	Fall/Winter Uniform for Public Works MOC	\$413.10
431426	1/27/2021	South Correctional Entity (AKA: SCORE)	December 2020 General Housing & Mental Health	\$56,031.00
431427	1/27/2021	Sprague Pest Solutions	Pest Control Public Safety Bldg	\$269.19
431428	1/27/2021	Staples Contract & Commercial Inc	Office Supplies	\$817.66
431429	1/27/2021	Stetz Construction	Abatement Air Handler Units at Hartman Pool	\$5,284.80
431430	1/27/2021	Steve Silverman	Utility Billing Adjustment 22853 NE 129th PI	\$327.86
431431	1/27/2021	Stryker Sales Corporation	Code-Stat 11 Data Review Seat License	\$24,310.08
431432	1/27/2021	TEC Equipment Inc	Misc Auto Parts	\$40.42
431433	1/27/2021	The Everett Steel Companies	Flat Bar 1/2 X 2	\$36.30
431434	1/27/2021	The Goodyear Tire & Rubber Co	Tires / Services	\$2,992.70
431435	1/27/2021	Thrive Coaching & Consulting	Training for Supervisors /Managers	\$1,750.00
431436	1/27/2021	Toole Design Group LLC	CC# 8466-1 Planning & Eng On-call Svcs	\$6,445.66
431437	1/27/2021	Tuscan Enterprises Inc	Police Vehicle Lettering	\$156.89
431438	1/27/2021	Verizon Wireless	December 2020 Services	\$603.14
431439	1/27/2021	Washington Audiology Services Inc	Hearing exams for employees	\$4,773.60
431440	1/27/2021	Washington State Employment Security Dept	4th Qtr 2020 Paid Family & Medical Leave Premium	\$70,334.77
431441	1/27/2021	WCP Solutions	Janitorial Supplies	\$6,283.30
431442	1/27/2021	Western Equipment Distributors Inc	Misc Parts - Credit	\$947.52
431443	1/27/2021	Western Fluid Components	Misc Parts	\$74.27
431444	1/27/2021	Zoom Video Communications Inc	Zoom Monthly Fee 10/27/2020 - 11/23/2020	\$1,104.26

Total Checks: \$1,189,285.05

Trans No.	Trans Date	Vendor	Description	
Wire	1/27/2021	Premera	Medical Claims	\$141,522.56
ACH	1/26/2021	Department of Revenue	Excise Tax	\$110,194.84

Total Wire Transfers: \$251,717.40

Voids				
431126	1/27/2021	Hughes Fire Equipment Inc	Check issued on - 1/13/2021	(\$144.90)

Total Voids: (\$144.90)

Grand Total: \$1,440,857.55

Summary	
1/20/21 Ck Run	\$964,942.15
1/27/21 Ck Run	\$1,189,285.05
Wire Transfers	\$503,446.61
Voids	(\$144.90)
Total	<u><u>\$2,657,528.91</u></u>



Memorandum

Date: 2/2/2021
Meeting of: City Council

File No. AM No. 21-A029 EX
Type: Consent Item

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

Executive	Malisa Files	425-556-2166
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DEPARTMENT STAFF:

Executive	Nina Rivkin	Chief Policy Advisor
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TITLE:

Approval of an Interlocal Agreement for the Provision of District Court Services between King County and the City of Redmond

OVERVIEW STATEMENT:

The City of Redmond contracts with King County for the provision of court services from King County District Court pursuant to a fifteen-year agreement that began in 2006 and expires at the end of 2021. The agreement has been updated for the next thirteen-year time period, with an initial five-year term and two four-year extensions, expiring on December 31, 2034.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

- Receive Information Provide Direction Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
N/A
- **Required:**
Under Washington State law (RCW 39.34.180), cities are responsible for providing criminal justice services for misdemeanor and gross misdemeanor offenses committed by adults in their respective jurisdictions; these services include prosecution, public defense, court and jail services.
- **Council Request:**
N/A
- **Other Key Facts:**
Twelve cities contract with King County for court services and are bringing the agreement to their Councils for approval. The contract cities are: Auburn, Beaux Arts, Bellevue, Burien, Carnation, Covington, Duvall, Kenmore, Redmond, Sammamish, Shoreline and Skykomish.

OUTCOMES:

The Interlocal Agreement with King County for court services is essentially the same agreement that has been in place since 2006, with updates to reflect changes in state law and improve clarity of terms and processes. The cost model, which is an attachment to the agreement, has been updated and includes a cap on costs for security provided by the King County Sheriff’s Office at facilities used by cities. The model has also been refined to reflect the intent that the cities pay only for services, staff and facilities used by cities.

The continuation of court services from King County District Court will ensure the City meets its statutory obligations to adjudicate misdemeanor and gross misdemeanor offenses occurring within the City. District Court has successfully partnered with the City of Redmond to meet city needs and address any operational and service items. The City benefits from being a part of a unified District Court system that has been serving the City for decades, with a court facility located on the City’s municipal campus, adjacent to the City’s public safety building that houses the Redmond Police Department and Prosecutor’s Office. In addition, Redmond’s Community Court, operated in partnership with District Court, the City and the Redmond Library, will continue to provide court and a wide array of services to Redmond participants.

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:

King County receives the revenue from City of Redmond case filings to help defray the costs of court services. Each year, District Court conducts a reconciliation of their costs and revenue that has been collected for the year. The City pays the difference between case filing revenue and city costs. For 2019, the last year for which reconciliation was conducted, the City’s total costs were \$826,950; case filing revenue was \$434,571 and the City paid \$392,378.

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

Budget Offer Number:

228 Criminal Justice

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:

The interlocal agreement identifies all costs that cities pay; only costs included in the agreement can be charged to cities and included in the reconciliation of city costs and revenue retained by King County.

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
1/19/2021	Committee of the Whole - Public Safety	Approve

Proposed Upcoming Contact(s)

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

Time Constraints:

King County and the cities originally intended to complete negotiations and bring an updated agreement to councils for review and approval in 2020, at least one-year before the current agreement expires. However, this work was delayed somewhat due to the pandemic. All current contract cities are bringing the agreement to their councils for approval in early 2021. District Court and the cities could potentially be impacted by a decision of a city not to continue to contract with King County for services from District Court, as the cost model spreads some fixed costs across the cities and King County. Cities have been requested to approve the Interlocal Agreement in January and February of 2021, to be followed by King County Council review and approval.

ANTICIPATED RESULT IF NOT APPROVED:

The City is required to provide municipal court services. The City can provide court services either through its own municipal court or pursuant to an agreement with King County District Court or another city's municipal court. If the Council chooses to not approve the interlocal agreement, the City would need to provide another option for court services. Due to the size of Redmond's caseload, it is not feasible to contract with another municipal court for these services (as the workload would overwhelm a municipal court). The City could create a municipal court to begin operations January 1, 2022, however Council would need to fund expedited planning efforts, which would require consultant assistance or supplemental staff with municipal court experience. Council would also need to fund start-up costs and initial facility costs (including remodel costs) in 2021, as well as facility and operational costs for 2022.

ATTACHMENTS:

Attachment A: Background and Summary of Terms of the Interlocal Agreement

Attachment B: Interlocal Agreement for the Provision of District Court Services between King County and the City of Redmond

Attachment C: Exhibits A-D to the Interlocal Agreement

Interlocal Agreement with King County for Court Services Background and Summary of Terms

King County District Court Background

King County District Court: is the largest court of limited jurisdiction in the state of Washington. Of the cases filed annually with King County District Court, approximately 40% of the filings are city filings (from cities who contract with District Court for court services) and the remaining 60% of the filings are King County's exclusive responsibility. In 2019, the last year of complete annual data, approximately 208,000 cases were filed in King County District Court.

Contract Cities: the twelve cities that currently contract for court services are: Auburn, Beaux Arts, Bellevue, Burien, Carnation, Covington, Duvall, Kenmore, Redmond, Sammamish, Shoreline, Skykomish.

Court Facilities: District Court currently has 10 court facilities located throughout King County, in: Auburn, Bellevue, Burien, Issaquah, King County Courthouse (Seattle) and Maleng Regional Justice Center (Kent), King County Jail (Seattle-jail calendars only), Redmond, Shoreline, and Vashon Island.

Significant Terms of the Agreement, with Updates to the Current Agreement Noted

Term: Initial term of five years, with two four-year automatic extensions unless the agreement is terminated; the initial term is effective January 1, 2022 – December 31, 2026, the first extension is effective January 1, 2027 – December 31, 2030, and the second extension is effective January 1, 2031 – December 31, 2034. The term of the extensions aligns with judicial election years as required by Washington State law; this is a change from the current agreement due to a change in state law.

Termination: Termination is allowed by any party provided notice is provided; notice is increased from 18 months in the current agreement to 23 months prior to an effective date of a contract extension, to allow cities to adjust budgets and/or plan for alternative court services.

Court Services and Decision-making: Court services include all local court services imposed by Washington State statute, court rule, individual City ordinance, or other regulations. Supreme Court General Rule (GR) 29 requires that ultimate decision-making authority regarding management and administration of the District Court remains with the Presiding Judge, however the agreement includes consultation with contract cities on many items. Court services include case processing and management, customer service, probation services, court calendars and judicial services.

Judicial Pool: Each city creates a pool of judges from the judges elected to the judicial district where the facility is located (Redmond is within the Northeast Judicial District); judges from within this pool may hear city cases. The Presiding Judge determines judicial assignments annually and per updated language, must provide notice to a city of a change impacting judicial assignments so the parties may discuss potential impacts prior to the change being finalized.

Court Calendars: Regular calendars are scheduled for the City and the City must consent to changes in the calendars. Language has been added to include a process to change the number of calendars, after meeting and discussion with the City and with the concurrence of the executive committee of District Court that additional calendar(s) is necessary to manage caseload. The City of Redmond and District Court have worked cooperatively to ensure there are enough calendars to handle city case filings.

Oversight Committees: The agreement includes two oversight committees as a forum for cooperation between the cities and District Court.

District Court Management Review Committee (DCMRC): Addresses system-wide issues related to court services. Membership includes District Court representatives including the Chief Presiding Judge and Chief Administrative Officer, a King County Executive representative, and one representative for each contracting city. DCMRC meets quarterly and as part of its responsibilities, ensures reconciliation is conducted annually.

Court Facility Management Review Committee (CFMRC): established for each facility to address facility level or individual city issues, taking into consideration guidance from the DCMRC. Membership includes the judges at that facility, the Division presiding judge, the Division director, the court manager, City prosecutor, City public defender, City police and other representatives the City or District Court wishes to include. CFMRC meets monthly unless the group agrees to cancel.

Facilities: The agreement provides for the use of existing King County and City-owned facilities, temporary or permanent closure/relocations, annual facility charges, and capital improvement projects. Updates provide clarity on temporary or permanent closure/relocations. Facility charges cover rent and operations and maintenance. Costs for capital improvements at a facility must be agreed to by the city using the facility and absent a cost sharing agreement, the city is not responsible for these costs.

Revenue, Filing Fees and Reconciliation: King County receives the revenue from city case filings and cities are responsible for any differences between these revenues and costs. Reconciliation of city costs and revenue is conducted annually pursuant to the process and timeline in the agreement. A filing fee is set for every criminal citation and infraction filed with District Court; annual increases are tied to the Consumer Price Index-U (CPI-U) reported in June. The criminal citation fee is \$349 and infraction fee is \$27.

Full-Cost Recovery Model: The agreement provides for a full-cost recovery model. The agreement identifies all costs that cities pay; only costs included in the agreement can be charged to cities. The cost model is an exhibit to the agreement. Cities pay for their use of services, staff and facilities.

City costs are based on individual city filings and use of facilities. King County District Court uses a “weighted caseload” approach; each type of case filing is assigned a set number of minutes, based on a time study of the average clerk and judicial time used to process each case type. A weighted caseload approach provides a more accurate reflection of the use of court resources, as, for example, it takes less time to process a traffic infraction than a driving under the influence (DUI) case.

City costs for facilities have been updated so that cities only pay for space they use. Several facilities (Issaquah and Shoreline) have unused courtrooms/space and the cities that use those facilities were charged for all the space at the facility. This change to the cost model does not impact Redmond, as all the courtrooms and space at the Northeast District Court facility are used. The City’s facility costs are based on its percentage of clerks and judges at the NEDC facility.

Security costs have been updated, with a cap on the costs for security provided by the King County Sheriff’s Office. Security cost increases shall not exceed 100% of the Seattle-Tacoma-Bellevue CPI-W, annual, plus an additional 1%, with a maximum capped increase of a 5% in any given year for the total security costs per facility starting in 2022.

District Court Technology and System Improvement Projects: The County maintains a reserve fund for cities' contributions for technology and other system improvement projects so that these costs can be spread out over time. In the past, this funding was used for the Court's Electronic Court Records project. The Court is currently implementing a new Case Management System, which should result in efficiencies and cost saving for the County and the cities. In 2019, Redmond costs for technology improvements were \$8,389.

Dispute Resolution: The agreement includes dispute resolution provisions if an issue is unable to be resolved by the parties, including referring a matter to the DCMRC committee, non-binding mediation, or invoking the termination provision of the agreement. Language has been updated to clarify processes for individual city or facility level disputes vs. system-wide disputes. Each City waives and releases any right to invoke binding arbitration related to this agreement.

INTERLOCAL AGREEMENT FOR PROVISION OF DISTRICT COURT SERVICES BETWEEN KING COUNTY AND THE CITY OF _____

THIS INTERLOCAL AGREEMENT (“Agreement”) FOR PROVISION OF DISTRICT COURT SERVICES BETWEEN KING COUNTY (“County”) AND THE CITY OF _____ (“City”) is entered on this ____ day of _____, 2020. County and the City may be referred to herein collectively as the “Parties” and individually as a “Party.”

RECITALS

1. On August 22, 2006, the County and the original Participating Cities entered into an Interlocal Agreement for Provision of District Court Services (“2006 Agreement”). As of January 1, 2020, Auburn, Beaux Arts, Bellevue, Burien, Carnation, Covington, Duvall, Kenmore, Redmond, Sammamish, Shoreline, and Skykomish are Parties to the 2006 Agreement. The 2006 Agreement expires December 31, 2021, thereby requiring a new interlocal agreement for District Court services.

2. Under the 2006 Agreement, the County is providing the City with District Court services at the King County District Court – _____ Division, _____ Courthouse (“_____ District Court”) located at _____, Washington and the City is sharing in the King County District Court system costs with the other Participating Cities.

3. It is the intent of the County and the Participating Cities to establish mechanisms within this Agreement to ensure court services, case processing, and court operations are delivered as consistently as possible within each District Court, including, for the City, the _____ District Court, and across the King County District Court system.

4. The County and the Participating Cities have established within this Agreement a process under which District Court services, facilities, and costs can be mutually reviewed.

5. The Parties acknowledge that they and the public they together serve have benefited from the flexible and collaborative approach to problem solving that historically has defined the relationship between the Parties and wish to memorialize and continue that approach in this Agreement.

6. The Parties’ relationship has yielded many successes, including implementation of Community Court, the stabilization of the call center, and execution of the Case Management System (CMS) project.

7. The Parties understand that a successful partnership is achieved when the County and the Cities pay for the services each uses in order to have a true reconciliation of the costs to provide such services to the public.

8. The Parties embrace the value of collaboration and transparent communication to seamlessly meet the needs of our changing metropolitan region related to criminal justice services.

9. The County will continue to support a unified, County-wide District Court, utilizing existing facilities, to provide for a more equitable and cost effective system of justice for the citizens of King County. The County will continue to:

- A. Ensure District Court facilities promote system efficiencies, quality services and access to justice;
- B. Consolidate District Court facilities that exist in the same city;
- C. Reconsider facilities if there are changes with Participating Cities or changes in leases;
- D. Work with the Participating Cities to develop a facility plan as it relates to the District Court and District Court related services.

10. In entering into this Agreement for District Court Services, the Participating Cities and County have considered, pursuant to RCW 39.34.180, the anticipated costs of services, anticipated and potential revenues to fund the services, including fines and fees, filing fee recoupment, criminal justice funding, and state sales tax funding.

11. With this Agreement, the Parties intend to provide sufficient revenue to the County to allow for the continued provision of District Court services and provide the City with a service level commensurate with that revenue.

NOW THEREFORE, in consideration of the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, the Parties agree as follows:

DEFINITIONS

Words and terms shall be given their ordinary and usual meanings. Where used in the Agreement and Exhibits, the following words and terms shall have the meanings indicated. The meanings shall be applicable to the singular, plural, masculine, feminine and neutral form of the words and terms.

City/Participating City: An individual city.

Cities/Participating Cities: The Cities that have contracted with King County for District Court services, collectively.

Court/District Court: The branch of government within King County tasked with providing District Court services to the County and to the Participating Cities.

Court Facility Management Review Committee (CFMRC): A committee that is facility-specific and includes representatives from the County as well as individual Cities served by that facility to discuss facility-level issues. A committee having a different name but serving in this capacity is considered a CFMRC.

District Court Management Review Committee (DCMRC): A committee that includes a representative from all of the Participating Cities to discuss system-wide issues.

District Court System: The King County District Court system as a whole.

Effective Date: January 1, 2022

KCC: King County Courthouse in Seattle, WA.

MRJC: Maleng Regional Justice Center in Kent, WA.

Regular Calendar: A recurring court calendar which requires the attendance of a judge, court staff, and an individual City's prosecutor, public defender, and/or police officers.

1.0 TERM AND TERMINATION

1.1 Term. This Agreement shall be effective as of January 1, 2022 and shall remain in effect for an initial term of five (5) years ending on December 31, 2026. Unless terminated or extended pursuant to Section 1.2, this Agreement shall be automatically extended on the same terms and conditions as follows:

a. For a four (4) year term thereafter commencing January 1, 2027, and expiring on December 31, 2030 (the "First Extension"); and

b. For a four (4) year term thereafter commencing January 1, 2031, and expiring on December 31, 2034 (the "Second Extension").

1.2 Termination and Notice of Termination. This Agreement is terminable by the County, without cause and in its sole discretion, if County provides written notice to the City(ies) it seeks to terminate. Any Participating City may individually terminate its participation in this Agreement, without cause and in its sole discretion, by providing written notice to the County. The terminating party shall provide notice (electronic notice is permitted for this notification only) to all other Participating Cities. Notice of termination shall be provided no later than the following dates:

Initial Term: By February 1, 2025 for termination effective December 31, 2026

First Extension: By February 1, 2029 for termination effective December 31, 2030

Second Extension: By February 1, 2033 for termination effective December 31, 2034

It is the County's and the Participating Cities' intent for Section 1.2 to provide as much or more notice than required by the provisions of RCW 3.50.810 and RCW 35.20.010(3)

and (4) in effect on the Effective Date of this Agreement. If the RCWs are amended to require more notice than Section 1.2 provides, such longer notice requirement shall apply.

1.3 Extension pending conclusion of negotiations with respect to amending Agreement. The County and the Participating Cities may agree in writing to extend any term of this Agreement upon the same terms and conditions if they are negotiating in good faith for amendments to the Agreement. The extension shall be such that expiration of the Agreement occurs not less than 18 consecutive months after the end of good faith negotiations. The end of good faith negotiations may be declared in writing by the County or any individual City. Following such declaration, there shall be a thirty (30) calendar day period in which the County or any individual City may provide written notice to the County or all of the Participating of its intent to let the Agreement expire at the end of the extended Agreement term.

2.0 SERVICES; OVERSIGHT COMMITTEES

2.1 District Court Services Defined. The County and District Court shall provide District Court Services for all Participating Cities' cases filed by a Participating City in its assigned King County District Court. District Court Services as used in this Agreement shall mean and include all local court services imposed by Washington State statute, court rule, individual City ordinance, or other regulations as now existing or as hereafter amended, including but not limited to the services identified in Section 2 of this Agreement. Nothing in this Agreement shall permit the Participating Cities, collectively or individually, to regulate the administration of the Court or the selection of particular judges to hear its cases by City ordinance. District Court services may include Community Court services which shall be billed in the same manner as other cases filed by a Participating City in its assigned King County District Court.

2.2 Decision-Making. The County and the Participating Cities recognize that General Rule (GR) 29 requires that the ultimate decision-making authority regarding the management and administration of the Court rests with the Presiding Judge and/or the Division Presiding Judge, and the County and the Participating Cities recognize that the duties imposed by GR 29 are non-delegable except as provided otherwise in GR 29. The provisions of Sections 2.1 through 2.2.7 of this Agreement are subject to GR 29 and the non-delegable duties and responsibilities of the Presiding Judge and/or the Division Presiding Judge contained therein.

2.2.1 Case Processing and Management. The County and District Court shall remain responsible for the filing, processing, adjudication, and penalty enforcement of all Participating Cities' cases filed, or to be filed, by a Participating City in its assigned District Court, whether criminal or civil. Such services shall include but not be limited to: issuance of search and arrest warrants; interpreters for Court hearings, the conduct of motions and

other evidentiary hearings; pre-trial hearings; discovery matters; notifications and subpoenaing of witnesses¹ and parties prior to a scheduled hearing; providing to a Participating City prosecutor (and contract Participating City prosecutor who has signed the required Department of Licensing confidentiality agreement), complete Court calendars, the conduct of bench and jury trials; pre-sentence investigations; sentencing; post-trial motions; the duties of the Courts of Limited Jurisdiction regarding appeals; and any and all other Court functions as they relate to municipal cases filed by the Participating City in its assigned District Court.

- 2.2.2 Changes in Court Processing. Except when determined by the Presiding Judge that a shorter notice period is necessary, the District Court shall provide a Participating City's designated representative(s) DCMRC with sixty (60) calendar days written notice by U.S. Mail or e-mail prior to changes in Court processing procedures that directly impact a Participating City's operations (e.g. may require additional prosecutor or public defense services) in order to provide the Participating City with adequate time to assess the effect of proposed changes on the Participating City's operations, unless a shorter timeframe for notice is mutually agreed upon by the County and the Participating City through the CFMRC.
- 2.2.3 Customer Service. The District Court shall provide a means for the public to contact the Court by telephone, including transferring the caller to a particular Court facility if requested, and front counter access to each Court facility during regular business hours, without lengthy wait. District Court shall provide quarterly reports to the DCMRC on its public access. District Court shall work with the Participating Cities through the DCMRC to address any customer service concerns. In order to minimize workload on District Court staff, the Participating City prosecutor, City public defenders, and City paralegal staff shall have access to their assigned District Court court files through the Court's portal at no additional cost in order to most efficiently obtain necessary information.
- 2.2.4 Probation Services. The County shall provide probation services unless a Participating City elects to provide its own probation services and notifies the County in writing that it does not wish the County to provide probation services. A Participating City shall provide such notice at least six (6) months prior to January 1 of the year in which probation services shall be discontinued. The County shall provide a Participating City not less than twelve (12) months written notice if the County intends to terminate probation services to a Participating City. Notwithstanding this provision, the County may terminate probation services upon not less than six (6) months advance written notice to the City if (a) the County is unable to

¹ When District Court issues subpoenas for witnesses the information contained in the subpoena including addresses and names is not confidential and is part of the public record.

procure sufficient primary or excess insurance coverage or to adequately self-insure against liability arising from the provision of probation services, and (b) the County ceases to provide probation services throughout King County District Court system.

2.2.5 Regular Court Calendars.

2.2.5.1 A Participating City budget for court services assumes a finite number of Regular Calendars. The Participating City's Regular Calendars shall remain scheduled as set forth on Exhibit D to this Agreement. Any Regular Calendar that is to occur on a day other than the day or days specified on Exhibit D shall require the mutual consent of the County and any Participating City that would be impacted by such change. However, a Participating City's prior consent shall not be required if a Regular Calendar is moved to the next judicial day or other day mutually agreed upon in order to make up a day which the District Court was closed due to a Court holiday, inclement weather, emergency circumstances. Prior consent shall not be required to reschedule calendars for judges to attend judicial conference if the calendars moved are those calendars that City prosecutors or public defenders do not normally attend.

2.2.5.2 The provisions of Section 2.2.5.1 regarding Regular Calendars do not apply to other judicial functions and hearings, including but not limited to, jail hearings at the King County Jail (Seattle or Regional Justice Center) or the SCORE Jail hearings or trials that cannot be set on a Participating City's Regular Calendar due to time limitations or transport issues, search warrants, infraction hearings where a Participating City prosecutor or public defender is not required to be present, or mitigation hearings.

2.2.5.3 The County and an individual Participating City are encouraged to work collaboratively to adjust the number of Regular Court Calendars by agreement at any time during the course of this Agreement as necessary for the efficient operation of the District Court. If either the County or a Participating City believes that the number of Regular Court Calendars that a Participating City has are either insufficient or too numerous, then that party shall request a meeting by March 31st of a given calendar year to confer regarding the number of Regular Court Calendars. If the County and a Participating City are unable to agree on changes by April 30th of that calendar year, the Presiding Judge, with the concurrence of the executive committee of the District Court, shall determine the number of Regular Court Calendars that the District Court believes will be sufficient to manage the Participating City's case load with consideration of the caseloads and number of hearings of comparable Participating Cities also being served by the District Court

and the County's caseload. The County shall provide notice to the Participating City of the required changes no later than May 31st of the same calendar year for implementation on January 1 of the subsequent calendar year.

- 2.2.6 Participating City Judicial Services. Not later than September 30, the Participating Cities² whose cases are primarily heard at the same District Court facility shall submit in writing to the Chief Presiding Judge a pool of District Court judges who may hear these Participating Cities' Regular Calendars beginning the next calendar year. The pool shall consist of not less than 75 percent of the judges elected or appointed to the judicial district wherein the facility is located. Within thirty (30) calendar days of an election or notice to the applicable Participating Cities of an appointment of a new judge within the judicial district, the Participating Cities shall be entitled to recreate their pool of District Court judges ("Recreated Pool"). The Recreated Pool shall take effect within thirty (30) calendar days of submission of the pool. In the case of an election, the Recreated Pool shall take effect the next calendar year following the election. Except when the Chief Presiding Judge deems an alternative assignment is necessary, the Chief Presiding Judge shall assign judges from these Participating Cities' pool, whether the original pool or a Recreated Pool, of judges to hear their Regular Calendars. If no pool of judges is submitted by the Participating Cities at a particular facility, the Chief Presiding Judge may assign any judge of the King County District Court system to hear the Regular Calendars at that facility. All other judicial functions and hearings that are not set on a Participating City's Regular Calendars can be heard by any judicial officer of the District Court against whom an affidavit of prejudice has not previously been filed that would prevent the judicial officer from hearing the matter. Each party shall notify the other party via email, telephone, or meeting (between the Cities' DCMRC representative and the Chief Presiding Judge or designee) when there will be a change or action impacting judicial assignments so the parties may discuss potential impacts prior to the change being finalized. This notice requirement does not apply to short-term judicial coverage that lasts up to one month.
- 2.2.7 The County shall provide all necessary personnel, equipment and facilities to perform the foregoing described District Court Services in a timely manner as required by law and court rule.

2.3 District Court Management Review Committee (DCMRC).

- 2.3.1 System-wide issues related to the District Court Services provided pursuant to this Agreement will be monitored and addressed through a District Court Management Review Committee. The Committee shall consist of the District Court Chief Presiding Judge, the District Court

² Procedures of this section shall also apply if only one City is using a court facility.

Chief Administrative Officer, any other District Court representatives designated by the District Court Chief Presiding Judge or Chief Administrative Officer, a representative of the King County Executive, and one representative or designee for each Participating City. On or before the effective date of this Agreement, a Participating City shall identify in writing to the Chief Presiding Judge the name, phone number, e-mail and postal address of its representative and to whom notice as provided in this Section shall be sent. If a Participating City wishes to change the information provided to the Chief Presiding Judge, it shall notify the Chief Presiding Judge in writing at least seven (7) calendar days prior to the change. A Participating City may send its representative or designee to the DCMRC meetings.

- 2.3.2 The DCMRC shall meet at least quarterly unless otherwise agreed and shall make decisions and take actions upon the mutual agreement of the Participating Cities, the County, and the Chief Presiding Judge. Mutual agreement of the Participating Cities is defined as votes representing 65 percent of total Participating Cities' weighted case filings for the prior calendar year and 65 percent of all Participating Cities. The County, the Chief Presiding Judge, or the Participating Cities can vote at any time up to 45 calendar days after DCMRC action unless mutual agreement has been reached sooner. The Chief Presiding Judge or designee shall schedule meetings and submit proposed agendas to the representatives. Any representative may suggest additional agenda items. The Chief Presiding Judge or designee shall provide the DCMRC representatives with written notice of the actions taken by the DCMRC in a timely manner.
- 2.3.3 The DCMRC shall ensure that a cost and fee reconciliation is completed at least annually and that the fees retained by the County and remitted to a Participating City are adjusted to ensure that the County fully recovers its Participating City Case Costs and that the Participating City retains the remaining Fees, as defined and described in Section 4, below.
- 2.3.4 The DCMRC shall provide recommendations and/or guidelines regarding the implementation of services under this Agreement including, but not limited to, court calendar scheduling, public access (such as phone and counter services), officer overtime, officer availability (such as vacation and training schedules), new technology, facility issues, jail issues, and warrant issues.

2.4 Court Facility Management Review Committees (CFMRC). Facility level issues related to this Agreement shall be addressed by the Court Facility Management Review Committee established for each Facility, taking into consideration guidance from the DCMRC. The CFMRC for each Division/Facility shall consist of the judges at that Facility, the Division presiding judge, the Division director, the court manager, the applicable Participating City prosecutor/attorney, the applicable Participating City public

defender, and such other representatives as the Participating City or the District Court wishes to include. On or before the effective date of this Agreement, a Participating City shall identify in writing to the Division Presiding Judge the name(s), phone number(s), e-mail and postal address(es) where notice of meetings shall be sent. If a Participating City wishes to change the information provided to the Division Presiding Judge, it shall notify the Division Presiding Judge at least seven (7) calendar days prior to the change. A Participating City may send its representative(s) or the representative's designee to the CFMRC meetings. Each CFMRC shall meet monthly unless the Court and the applicable Participating Cities agree to cancel a particular meeting. The members shall agree on meeting dates. The CFMRC shall make decisions and take actions upon the mutual agreement of the representatives.

3.0 FACILITIES

3.1 Utilizing Existing County Facilities

- 3.1.1 The County is committed to a unified, County-wide District Court and intends to utilize existing facilities pursuant to the provisions of Section 3.1. The County shall operate a District Court facility within the Cities of Burien, Issaquah, Redmond, and Shoreline unless (1) the County obtains agreement to close a particular facility from all Participating Cities served in the facility proposed to be closed, or (2) notice has been given to terminate the Agreement by the Participating City in which the facility is located.
- 3.1.2 Notice of Facility Closure. If the County determines that it will close a District Court facility within the Cities of Burien, Issaquah, Redmond, and Shoreline and relocate District Court services within the same City, the County shall provide written notice to the Participating City(ies) served in the affected facility. Relocation of the Participating City(ies)'s District Court services under this subsection shall result from the County's determination, after consultation with the Participating City(ies) served in the affected facility, that continuing to operate the facility would 1) pose health and safety risks; 2) exceed the facility's useful life based on the cost of maintaining the facility; or 3) not be able to minimally meet the operational needs of the District Court.
- 3.1.3 Relocation due to Closure. If a County court facility is to be closed pursuant to Subsections 3.1.1 or 3.1.2, the County shall work cooperatively with Participating City(ies) served in the facility to relocate affected District Court services to a different facility. A Participating City impacted by a County court facility closure may choose to relocate to an existing County court facility or move to a different County facility. If

District Court does not already provide services in the facility(ies) proposed for the displaced services, the County and the Participating Cities served in the facility to be closed shall negotiate in good faith a separate agreement. The separate agreement should include, but is not limited to, identifying the location of these services, cost sharing responsibilities and financial commitment, ownership interest (if applicable), and implementation schedule. If the County and any of the Participating City(ies) served in the facility to be closed are unable to come to mutual agreement on relocation in a time frame acceptable to the County and the impacted Participating Cities(ies), notice of termination may be given as set forth in Section 1.2 above.

3.1.4 Other County Facilities. The County also has District Court facilities at the MRJC and the KCC. Upon mutual agreement of the County and a Participating City services may be provided to a Participating City(ies) at the MRJC or KCC. In the event of a relocation of a Participating City's District Court services to the MRJC, KCC, or other County facility not included in this Agreement, the County and the Participating City will negotiate appropriate facility operating and rent costs. All other provisions of this Agreement shall continue to apply.

3.1.5 Temporary Emergency Relocations. The relocation provisions provided above in Sections 3.1.1- 3.1.3, are not intended to apply to temporary emergency relocations which may occur in the event of a facility emergency (e.g. facility flooding, loss of facility heat or water, road closures, etc.) or natural disaster (e.g. earthquake, extreme weather events, etc.). Such temporary relocations may only last until the emergency conditions are resolved if the relocation was done without the consent of the relocated Participating City(ies). Temporary relocations may only be extended beyond the resolution of the emergency conditions or made permanent by mutual consent of the County and the relocated Participating City(ies).

3.1.5.1 Costs. If District Court Services to a Participating City are temporarily relocated from one County court facility to another County court facility, including the MRJC or KCC, due to an emergency, the Participating City's facility operating and rent costs will continue as calculated for the original facility for the duration of the temporary relocation.

3.1.6 Annual Facility Charges. The AFC for existing District Court facilities in the cities of Burien, Issaquah, Redmond, and Shoreline on the Effective Date satisfies the financial obligations of the Participating Cities served by these facilities for facility operations and daily maintenance, major maintenance, and other costs necessary to maintain existing facilities.

This AFC does not cover the costs associated with capital improvements as defined in Section 3.3 and does not entitle a Participating City to any funds or credit toward replacement of the existing facility. The AFC will be included as a reimbursable Participating City Case Cost under Exhibit A with the exception that space that is dedicated to the sole use and benefit of either a Participating City, the County, or other tenant, shall be excluded from the total square footage and be the sole financial responsibility of the benefiting party. Reimbursement for space dedicated to the sole use of a Participating City shall be based on the financial terms in Exhibit B and included as a Participating City Case Cost under Exhibit A. All other terms and conditions for a Participating City dedicated space shall be covered in a separate agreement. Each year, the County will identify in Exhibit A the square footage of dedicated space for each facility. Empty or unused space at a facility, previously used as dedicated space for the sole benefit and use of either the County, a Participating City(ies), or other tenant, shall be excluded from the total square footage. The AFC for the Burien, Issaquah, Redmond and Shoreline facilities are calculated in accordance with Exhibit B.

- 3.1.7 Call and Payment Center Charge. Participating Cities will pay an AFC for space used for the call center and payment center. The charge shall be calculated in accordance with Exhibit B and included as a reimbursable Participating City Case Cost under Exhibit A with the exception that space that is dedicated to the sole use and benefit of the County shall be excluded from the total square footage for this space.

3.2 Relocation from a Participating City Facility

- 3.2.1 City Buildings. Where District Court is providing District Court Services to a Participating City in a City-owned or operated facility and where the Participating City or the County wishes to relocate District Court Services to a different facility, the County and the affected Participating City or Participating Cities agree to work cooperatively to enter into a separate agreement to relocate to either a County facility or to another City-owned or operated facility. The agreement should include, but is not limited to the following:

- (a) Identifying a facility location
- (b) Cost sharing responsibilities and financial commitment
- (c) Ownership interest
- (d) Allocation of Implementation Responsibilities
- (e) Implementation schedule
- (f) Operational terms including but not limited to:
 - (i) Depending on location of facility, space for a Participating City's prosecution staff
 - (ii) Holding cells at facility

- 3.2.2 Separate Facility Agreements. The District Court will continue to operate at the Participating City's facility under the terms of a separate agreement between the County and the Participating City until the new location is agreed upon and operational, unless District Court Services are terminated pursuant to Section 1.2 of this Agreement..
- 3.2.3 Temporary Emergency Relocations. The provisions of Section 3.1.5 regarding temporary relocations due to emergency circumstances also apply in the case of District Court Services provided to a Participating City in a City-owned or operated facility, except Section 3.1.5.1 does not apply. If District Court Services for a Participating City must be temporarily relocated from a City-owned or operated facility to a County facility, the County and the Participating City will negotiate appropriate facility operating and rent costs and any other appropriate reimbursement of costs for the temporary relocation.

3.3 Capital Improvement Projects. Capital improvement projects to County facilities are those projects identified in the approved District Court Facilities Master Plan or Capital Improvement Plan.

- 3.3.1 Sole Benefit. Capital improvement projects for space that is dedicated to the sole use and benefit of either a Participating City(ies) or the County shall be funded by the benefiting party. In the case of a capital improvement project solely benefiting a Participating City(ies), the County and the Participating City(ies) will negotiate payment and enter into a separate agreement to address such project.
- 3.3.2 Dual Benefit. Capital improvement projects at a facility for space benefiting both the County and all Participating Cities served in the facility shall be presented to the affected CFMRC. The Participating Cities' contribution to the costs of the capital improvement projects shall be determined by mutual agreement of the County and the Participating Cities served in the affected facility. Absent an approved capital cost sharing agreement between the County and the Participating Cities served in the affected facility, those Participating Cities are not responsible for capital project costs.
- 3.3.3 City Buildings. Where the County and a Participating City have an agreement for the use of a City-owned or operated facility, cost apportionment for capital improvement projects is governed by the agreement between the County and the Participating City rather than Section 3.3.1 and 3.3.2 above.

4.0 REVENUE; FILING FEES ESTABLISHED; CITY PAYMENTS IN LIEU OF FILING FEES; LOCAL COURT REVENUE DEFINED.

4.1 Filing Fees Established. A filing fee is set for every criminal citation and infraction filed with the District Court.³ Filing fees will be established each year by the DCMRC pursuant to statutory criteria and this Section. At or before the commencement of this Agreement, the filing fees shall be as set by the agreement of the Participating Cities.

4.1.1 Pursuant to RCW 3.62.070 and RCW 39.34.180, the County will retain its portion of Local Court Revenues (as defined below) and additional payments pursuant to Section 4.5, if any, as full and complete payment by a Participating City for services received under this Agreement.

4.2 Compensation for Court Costs. The Participating Cities agree that the County is entitled to sufficient revenue to compensate the County for all Participating City Case Costs incurred during the term of this Agreement. For purposes of this Agreement, “Participating City Case Costs” means the sum of the costs for the Participating City as determined by the County pursuant to Exhibit A (including attachments A-Q), Exhibit B, and Exhibit C.

4.3 Annual Reconciliation. To ensure that the revenue provided to the County is equal to the Participating City’s Case Costs incurred in each year of the term of this Agreement, the County shall perform an annual reconciliation of the actual Participating City’s Case Costs in comparison to the Local Court Revenue, as defined in Section 4.9, retained by the County during that year in accordance with Exhibit A. The County will credit the Participating Cities in the reconciliation for each Participating City’s share of offsetting revenue received by the County for District Court from the state, the federal government and other sources. Reconciliations shall be performed as set forth below:

4.3.1 Beginning in 2022 and each year thereafter, the County shall perform a reconciliation of its actual reported Participating City’s Case Costs and the Local Court Revenue retained in the previous year. This reconciliation shall be completed no later than July 31 of each year. The County costs of performing the reconciliations shall be a reimbursable Participating City’s Case Cost and included as a Participating City’s Case Cost under Exhibit A.

4.3.2 No later than August 1 of the year in which the reconciliation is completed, the County shall send each Participating City a written statement as to the findings of the reconciliation.

³ The County and the Participating Cities acknowledge that the filing fees are intended to represent an approximation of the per-case cost for each filing. The County and the Participating Cities further acknowledge that while, in a criminal case, a judge, in their discretion and in accordance with Washington law may order a defendant to pay the filing fee upon conviction (for recoupment to the applicable Participating City), however, a judge may not order an individual who has been found to have committed an infraction to pay the infraction filing fee.

4.4 Payment for Participating City’s District Court Services. Subject to the adjustments set forth below, the County shall retain a percentage of Local Court Revenue as payment for the Participating City’s District Court Services. The percentage of Local Court Revenue retained by the County shall be the percentage necessary to pay the Participating City’s Case Costs. This percentage shall be based on the prior year’s reconciliation. The Participating City shall receive any remaining Local Court Revenue. In order to more closely match Local Court Revenue retained by the County with Participating City Case Costs (and thus lessen the amount of any additional payment or refunds pursuant to Section 4.5), the Participating City shall adjust the percentage retained by the County after July 31 of each year, for the following twelve months, based on the reconciliations of the prior year.

4.5 Reconciliation Adjustments. In the event the reconciliation completed pursuant to this Agreement shows that the Local Court Revenue retained by the County in the prior year was less than the Participating City’s Case Costs for that year, the Participating City shall pay the difference to the County within 75 calendar days of receipt of a written invoice from the County. In the event the reconciliation completed pursuant to this Agreement shows that the Local Court Revenue retained by the County in the prior year was more than the Participating City Case Costs for that year, the County shall pay the difference to the Participating City within 75 calendar days of the County’s completion of the reconciliation or, at the Participating City’s option provided in writing to the County, credit the Participating City with such amount for the following year or extended term of this Agreement, if any.

4.6 Filing Fees. The County retention of Local Court Revenue and the process for reconciliation and additional payments/reimbursements is in lieu of direct Participating City payment for filing fees and it is agreed by the Participating City and County to be payment for District Court Services provided by the County to the Participating City under this Agreement.

4.7 Local Court Revenue after Expiration or Termination. Any Local Court Revenue received after the expiration or termination of this Agreement for cases filed during the term of this Agreement shall be distributed to the Participating City, less any costs owed to the County, unless an amendment to this Agreement is executed.

4.8 One-Time Costs for District Court Technology and System Improvement Projects.

4.8.1 One-Time Costs for Technology and System Improvement Projects are defined as the costs associated with the development and implementation of District Court technology and System improvement projects. The District Court shall involve the Participating Cities in its planning for technology and system improvement projects as described in Exhibit C. The Participating Cities shall contribute each year to a reserve fund to cover one-time costs for technology and system improvement projects in excess of \$100,000. Exhibit C sets forth the amount of the Participating

Cities' annual contribution to the reserve for one-time costs for technology and system improvement projects. Technology and system improvement projects which in total are less than \$100,000 in any year will be included as a reimbursable Participating City Case Cost under Exhibit A.

4.9 Local Court Revenue. Local Court Revenue includes all fines, filing fees, forfeited bail, penalties, court cost recoupment and parking ticket (including photo enforcement) payments derived from City-filed cases after payment of any and all assessments required by state law thereon. Local Court Revenue includes all revenue defined above received by the court as of opening of business January 1, 2022. Local Court Revenue excludes:

- (a) Payments to a traffic school operated by a City;
- (b) Restitution or reimbursement to a City or crime victim, or other restitution as may be awarded by a judge;
- (c) Assessments authorized by statute, such as Domestic Violence and Crime Victims, used to fund local programs;
- (d) Probation revenues;
- (e) Reimbursement for home detention and home monitoring, public defender, jail costs, on City filed cases; and
- (f) Revenues from Participating City cases filed prior to January 1, 2000.

4.9.1 All revenue excluded from Local Court Revenue shall be retained by the County or the Participating City to whom such revenue is owed.

4.9.2 A Participating City will not start a traffic violations bureau during the term of this Agreement.

4.10 Monthly Reporting and Payment to Participating City. The County will provide to a Participating City monthly remittance reports and payment for the Participating City's share of Local Court Revenue no later than three (3) business days after the end of the normal business month. On a monthly basis, the County will provide to the Participating City reports listing Participating City cases filed and revenue received for all Participating City cases on which the Local Court Revenue is calculated.

4.11 Payment of State Assessments. The County will pay on behalf of a Participating City all amounts due and owing the State relating to Participating City cases filed at the District Court out of the gross Court revenues received by the District Court on those cases. The County assumes sole responsibility for making such payments to the State as agent for the Participating City in a timely and accurate basis. As full compensation for providing this service to the Participating City, the County shall be entitled to retain any interest earned on these funds prior to payment to the State.

5.0 DISPUTE RESOLUTION.

Any issue may be referred to dispute resolution if it cannot be resolved to the satisfaction of the County, a Participating City, and/or the Participating Cities. Depending on the nature of the issue, there are different dispute resolution processes, described as follows:

5.1 Facility Dispute. Disputes arising out of facility operation and management practices which are not resolved by the CFMRC may be referred by the County or a Participating City in writing to all representatives of the DCMRC as designated in Section 2.3. If the DCMRC is unable to reach mutual agreement within sixty (60) calendar days of referral, then the dispute may be referred by either the County or a Participating City to non-binding mediation. Any and all Participating Cities who refer a dispute regarding the same event to non-binding mediation, will be considered one party and shall participate as one party for the purposes of mediation. The mediator will be selected in the following manner: The Participating City(ies) participating in the mediation shall propose a mediator and the County shall propose a mediator; in the event the mediators are not the same person, the two (2) mediators shall select a third mediator who shall mediate the dispute. Alternately, the Participating City(ies) participating in the mediation and the County may agree to select a mediator through the mediation service mutually acceptable to both the County and the Participating City(ies). The County and the Participating City(ies) to the mediation shall share equally in the costs charged by the mediator or mediation service. By mutual agreement, the DCMRC can establish an alternative Participating City(ies)'s share of the mediation costs.

5.2 System Wide Disputes. System Wide Disputes are disputes arising out of District Court system operations or management, or involving the interpretation of this Agreement in a way that could impact the entire District Court system and other Participating Cities with an agreement for District Court services. System Wide Disputes also include disputes resulting from the following events: (i) changes in state statute or regulation, state and or local court rule, Participating City or County ordinance, or exercise of court management authority vested by GR 29 in the Chief Presiding Judge, requiring the County to provide new court services reasonably deemed to substantially impact the cost of providing District Court Services, or material reductions or deletions of the District Court Services included in this Agreement that occurred for a period of at least six (6) consecutive months; or (ii) any decree of a court of competent jurisdiction in a final judgment not appealed from substantially altering the economic terms of this Agreement; or (iii) changes in state statute or regulation, state and or local court rule, or Participating City or County ordinance, which substantially alter the revenues retained or received by either the County or the Participating City related to Participating City's case filings;

5.2.1. System Wide Disputes may be referred in writing by the County or a Participating City to all representatives of the DCMRC as designated in Section 2.3. If the DCMRC is unable to resolve the dispute within ninety (90) calendar days of referral (or within a different amount of time by mutual agreement of the DCMRC), then the dispute may be referred by

either the County or the Participating City to non-binding mediation, conducted in the manner described in Section 5.1.

5.2.2. If a System Dispute is referred to mediation, all Participating Cities may participate in the mediation and will be bound by any agreement that comes out of mediation even if they choose not to attend. The County shall pay 50% of the mediator's costs and the Participating Cities shall pay 50% of the mediator's costs. The Cities shall contribute to their-share of mediator's costs based on the proportion of the Participating Cities weighted caseload for the prior year. By mutual agreement, the DCMRC can establish an alternative means to establish a Participating City's share of the mediator's costs.

5.3 If a dispute is unable to be resolved, any party may invoke the termination provision of this Agreement.

6.0 RE-OPENER.

The County and all Participating Cities may agree to enter into re-negotiation of the terms of this Agreement at any time and for any purpose by mutual agreement in writing. The Agreement shall remain in full force and effect during such negotiations.

7.0 WAIVER OF BINDING ARBITRATION.

The Parties waive and release any right to invoke binding arbitration under RCW 3.62.070, RCW 39.34.180 or other applicable law as related to this Agreement, any extension or amendment of this Agreement, or any discussions or negotiations relating thereto.

8.0 INDEMNIFICATION.

8.1 City Ordinances, Rules and Regulations. In executing this Agreement, the County does not assume liability or responsibility for or in any way release the City from any liability or responsibility which arises in whole or in part from the existence or effect of City ordinances, rules or regulations, policies or procedures. If any cause, claim, suit, action or administrative proceeding is commenced in which the enforceability and/or validity of any City ordinance, rule or regulation is at issue, the City shall defend the same at its sole expense and if judgment is entered or damages are awarded against the City, the County, or both, the City shall satisfy the same, including all chargeable costs and attorney fees.

8.2 Indemnification.

8.2.1 Each Party to this Agreement shall protect, defend, indemnify, and save harmless the other Party, its officers, officials, employees, and agents,

while acting within the scope of their employment as such, from any and all costs, claims, judgment, and/or awards of damages, arising out of, or in any way resulting from, the Party's negligent acts or omissions. No Party will be required to indemnify, defend, or save harmless the other Party if the claim, suit, or action for injuries, death, or damages is caused by the sole negligence of the other Party. Where such claims, suits, or actions result from concurrent negligence of two or more Parties, the indemnity provisions provided herein shall be valid and enforceable only to the extent of each Party's own negligence. Each of the Parties agrees that its obligations under this subparagraph extend to any claim, demand, and/or cause of action brought by, or on behalf of, any of its employees or agents. For this purpose, each of the Parties, by mutual negotiation, hereby waives, with respect to each of the other Parties only, any immunity that would otherwise be available against such claims under the Industrial Insurance provisions of Title 51 RCW. In the event that any of the Parties or combination of the Parties incurs any judgment, award, and/or cost arising therefrom, including attorney fees, to enforce the provisions of this Section, all such fees, expenses, and costs shall be recoverable from the responsible Party or combination of the Parties to the extent of that Party's/those Parties' culpability. This indemnification shall survive the expiration or termination of this Agreement.

- 8.2.2 With respect to any technology provided by the County for use by the City pursuant to this Agreement, the County shall defend the City and the City's officers and directors, agents, and employees, against any claim or legal action brought by a third party arising out of a claim of infringement of U.S. patent, copyrights, or other intellectual property rights, or misappropriation of trade secrets, in connection with the use of the technology by the City so long as the City gives prompt notice of the claim or legal action and the City gives the County information, reasonable assistance, and sole authority to defend or settle any such claim or legal action. The County shall have no liability to defend the City to the extent the alleged claim or legal action is based on: (i) a modification of the technology by the City or others authorized by the City but not by the County; or (ii) use of the technology other than as approved by the County.

8.3 Actions Contesting Agreement. Each Party shall appear and defend any action or legal proceeding brought to determine or contest: (i) the validity of this Agreement; or (ii) the legal authority of the City and/or the County to undertake the activities contemplated by this Agreement. If both Parties to this Agreement are not named as parties to the action, the Party named shall give the other Party prompt notice of the action and provide the other an opportunity to intervene. Each Party shall bear any costs and expenses taxed by the court against it; any costs and expenses assessed by a court against both Parties jointly shall be shared equally.

9.0 INDEPENDENT CONTRACTOR.

Each Party to this Agreement is an independent contractor with respect to the subject matter herein. Nothing in this Agreement shall make any employee of the City a County employee for any purpose, including, but not limited to, for withholding of taxes, payment of benefits, worker’s compensation pursuant to Title 51 RCW, or any other rights or privileges accorded City employees by virtue of their employment. At all times pertinent hereto, employees of the County are acting as County employees and employees of the City are acting as City employees.

10.0 NOTICE.

Unless otherwise provided herein, any notice or other communication given hereunder shall be deemed sufficient, if in writing and delivered personally to the addressee, or sent by certified or registered mail, return receipt requested, addressed as follows, or to such other address as may be designated by the addressee by written notice to the other Party:

To the County: King County Executive, 701 Fifth Avenue, Suite 3210, Seattle, Washington 98104

To the City:

(insert title of mayor, City manager, or City administrator and address)

In addition to the requirements for notice described above, a copy of any notice or other communication may be provided to the Chief Presiding Judge of the District Court.

11.0 PARTIAL INVALIDITY.

Whenever possible, each provision of this Agreement shall be interpreted in such a manner as to be effective and valid under applicable law. Any provision of this Agreement which shall prove to be invalid, unenforceable, void, or illegal shall in no way affect, impair, or invalidate any other provisions hereof, and such other provisions shall remain in full force and effect. Notwithstanding the foregoing, this Agreement shall be subject to re-negotiation as provided in Section 6.0.

12.0 ASSIGNABILITY.

The rights, duties and obligations of either Party to this Agreement may not be assigned to any third party without the prior written consent of the other Parties, which consent shall not be unreasonably withheld.

13.0 CAPTIONS.

The section and paragraph captions used in this Agreement are for convenience only and shall not control or affect the meaning or construction of any of the provisions of this Agreement.

14.0 FORCE MAJEURE.

The term “force majeure” shall include, without limitation by the following enumeration, acts of Nature, acts of civil or military authorities, fire, terrorism, accidents, shutdowns for purpose of emergency repairs, lockouts, strikes, and any other labor, civil or public disturbance, inability to procure required construction supplies and materials, delays in environmental review, permitting, or other environmental requirement or work, delays as a result of legal or administrative challenges brought by parties other than signatories to this Agreement, delays in acquisition of necessary property or interests in property, including the exercise of eminent domain, or any other delay resulting from any cause beyond a party’s reasonable control, causing the inability to perform its obligations under this Agreement. If the County is rendered unable, wholly or in part, by a force majeure, to perform or comply with any obligation or condition of this Agreement then, upon giving notice and reasonably full particulars to the City, such obligation or condition shall be suspended only for the time and to the extent reasonably necessary to allow for performance and compliance and restore normal operations. For purposes of this Agreement, “force majeure” shall not include reductions or modifications in District Court Services caused by or attributable to reductions or modifications to the budget of the King County District Court as adopted or amended by the Metropolitan King County Council.

15.0 ENTIRE AGREEMENT.

This Agreement, inclusive of the Exhibits hereto, contains the entire agreement and understanding of the Parties with respect to the subject matter hereof, and supersedes all prior oral or written understandings, agreements, promises or other undertakings between the Parties.

16.0 GOVERNING LAW.

This Agreement shall be interpreted in accordance with the laws and court rules of the State of Washington in effect on the date of execution of this Agreement. In the event either Party deems it necessary to institute legal action or proceedings to ensure any right or obligation under this Agreement, the Parties hereto agree that such action or proceedings shall be brought in a court of competent jurisdiction situated in King County, Washington.

17.0 NO THIRD-PARTY RIGHTS.

Except as expressly provided herein, nothing in this Agreement shall be construed to permit anyone other than the Parties hereto and their successors and assigns to rely upon the covenants and agreements herein contained nor to give any such third party a cause of

action (as a third-party beneficiary or otherwise) on account of any nonperformance hereunder.

18.0 COUNTERPARTS.

This Agreement may be executed in counterparts, and each such counterpart shall be deemed to be an original instrument. All such counterparts together will constitute one and the same Agreement.

19.0 AMENDMENT OR WAIVER.

This Agreement may not be modified or amended except by written instrument approved by the City and the County; provided that changes herein which are technical in nature and consistent with the intent of the Agreement may be approved on behalf of the City by its chief executive officer and on behalf of the County by the County Executive. No course of dealing between the Parties or any delay in exercising any rights hereunder shall operate as a waiver of any rights of any Party.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the dates indicated.

King County

City of _____

King County Executive

Title:

Date:

Date:

Approved as to Form:

Approved as to Form:

King County Deputy Prosecuting
Attorney

City Attorney

EXHIBIT A

SUMMARY TO ATTACHMENTS A THROUGH Q

Attachment	Item	City Case Costs 2018	City Case Costs 2017
A	2018 District Court Program Budget		
	Salaries and Benefits	4,975,644	4,866,520
B	Non-Facility costs/Non-CX overhead		
	costs less probation	695,956	509,488
C	Security Costs per Facility	644,906	631,729
D	Facilities - Call Center/Payment Center	27,772	21,064
E	Reconciliation Costs	567	507
	One-Time Costs for District Court		
F	Technology and System Improvement Projects	73,963	57,522
J-Facility Costs	Facility Usage	274,391	449,154
TOTAL CITY CASE COSTS IN 2018:		6,693,198	6,535,984
TOTAL CITY REVENUE IN 2018		\$ 6,246,369	\$ 6,453,133
Percentage of Total City Case Costs to Total City Revenue 2018		107%	101%
City Dedicated Costs			
G	Dedicated City space	-	-
TOTAL CITY COSTS w/ DEDICATED		6,693,198	6,535,984

Methodology/Definitions/Notes:

1. District Court Program Budget: A budget that is created by the Court to portion out salaries and benefits by specific court programs
2. Based on the District Court Program Budget (Attachment A), contract cities represent a percentage of District Court Program Budget Costs ----->
3. The District Court Program Budget will be updated annually as will the percentage representing contract cities.
4. The multiplier referred to in Exhibit A is the percentage of the District Court Program Budget attributed to contract cities (see Attachment A).
5. The "City Cost" for each year, calculated by the County, is equal to the sum of Attachments A through G and Facility Costs.
6. The account codes referenced throughout this Exhibit may be modified by the County and the codes referenced herein are deemed to include any future successor or modified codes adopted by the County.

24.65%

City	City Portion of Case Costs	City Dedicated Costs	Total City Cost	Total City Revenue	City Revenue Paid	Difference of Total City Cost and City Revenue Paid	City Remittance to County 2018	County Reimbursement to City 2018
Auburn	\$ 2,000,655	-	2,000,655	764,289	0	2,000,655	\$2,000,655	-
Beaux Arts	\$ -	-	-	-	0	0.00	-	-
Bellevue	\$ 2,041,809	-	2,041,809	3,824,437	2,280,709	(238,900)	-	\$238,900
Burien	\$ 442,655	-	442,655	184,520	184,520	258,135	\$258,135	-
Carnation	\$ 8,823	-	8,823	3,327	3,327	5,496	\$5,496	-
Covington	\$ 209,373	-	209,373	100,378	100,378	108,996	\$108,996	-
Duvall	\$ 91,618	-	91,618	48,154	48,154	43,465	\$43,465	-
Kenmore	\$ 175,920	-	175,920	140,383	140,383	35,537	\$35,537	-
Redmond	\$ 743,218	-	743,218	446,444	446,444	296,774	\$296,774	-
Sammamish	\$ 279,318	-	279,318	259,938	259,938	19,379	\$19,379	-
Shoreline	\$ 694,001	-	694,001	469,379	469,379	224,622	\$224,622	-
Skykomish	\$ -	-	-	-	0	0	-	-
Woodinville	\$ 5,655	-	5,655	5,121	5,121	535	\$535	-
Total	\$6,693,044	\$0	\$6,693,044	\$6,246,369	\$3,938,352	\$2,754,693	\$2,993,593	\$238,900

ATTACHMENT "A" - TO THE FINANCIAL EXHIBIT
King County District Court
2018 District Court Program Budget Salaries and Benefits

	Judges *	Clerks*	LT*	CM*	OPJ/ Central Admin	Aides*	Prob Mgmt	PO Is	Prob Support *	Total	Salary/Benefit Expenditure	% to subtotal
County-State Criminal	8.43	8.78	0.20		1.34	3.79	0.07			22.61	3,344,218	16.57%
County-State Infractions	1.13	22.51	0.52		3.44	7.51	0.19			35.31	3,516,348	17.42%
County-State Civil	6.49	27.22	0.62		4.16	9.63	0.23			48.35	5,515,136	27.33%
City Contracts	7.29	22.08	0.51		3.37	8.04	0.19			41.48	4,975,644	24.65%
DV Court	0.98	1.76	0.04		0.27	0.68	0.01			3.75	496,184	2.46%
Jail/Felony/Expedited	2.00	1.92	0.04		0.29	0.66	0.02			4.93	751,321	3.72%
Inquests	0.00	0.00	0.00		0.00	0.00	0.00			0.01	1,140	0.01%
Passports		2.14	0.05		0.33	0.49	0.02			3.02	287,029	1.42%
Subtotal without Probation	26.33	86.40	1.98		13.20	30.81	0.73			159.46	\$ 18,887,020	
Total Salary and benefits for Court											\$ 20,181,618	
District Court Program Budget, Salaries and Benefits attributed to Contract Cities.											\$ 4,975,644	
Multiplier Percent of Salaries and Benefits for Contract Cities												24.65%
County Probation		9.35	0.36		2.43	4.73	0.08	1.52	6.09	6.60	31.16	3,211,573
City Probation		6.97	0.28		1.87	3.62	0.06	1.23	4.91	5.32	24.26	2,506,923
DV Court Probation		0.68	0.04		0.27	0.50	0.01	0.25	1.00	1.08	3.82	404,307
Subtotal Probation Costs		17.00	0.69		4.57	8.85	0.14	3.00	12.00	13.00	59.25	\$ 6,122,803
											Probation as Percentage of Total Actual Staff	24.98%
District Court Costs	26.33	103.40	2.67		17.77	39.66	0.88	3.00	12.00	13.00	218.71	\$ 25,009,823

will not add up to 100%

- 1.10 *Judges included in Central Admin
- 10.00 *Call Center Clerks counted in Central Admin
- 8.00 *Payment Center Clerks counted in Central Admin
- 3.00 *CM included in Central Admin for Call Center & Payment Center
- 13.00 *Court Clerks counted in Prob Support

** Does not include RMHC, RVC, Comm Crt
*** Does not include 3 CMS Clerks
**** Does not include 3 frozen positions

ATTACHMENT "B" - TO THE FINANCIAL EXHIBIT

Non-Facility costs/Non-CX overhead costs less probation

Probation Staff as % 24.98%

Dpt_DISTRICT COURT(0530)	2018 Total District Court	Probation where applicable	Net less probation	Comments
CX FUND				
52110 OFFICE SUPPLIES	42,915		10,719	32,196
52180 MINOR ASSET NON CONTROL	114,837		28,683	86,154
52181 INVENTORY EQUIP 5K UNDER	33,845		8,454	25,392
52189 SOFTWARE NONCAP	-		0	-
52190 SUPPLIES IT	3,556		888	2,668
52202 SUPPLIES MISC	34,005		8,493	25,511
52205 SUPPLIES FOOD	4,148		1,036	3,112
52208 SUPPLIES UNIFORMS	-		0	-
52215 PUBLICATIONS	19,058		4,760	14,298
52222 SUPPLIES COMMUNICATIONS	797		199	598
52290 MISC OPERATING SUPPLIES	-		0	-
53100 ADVERTISING	0		0	0
53101 PROF SRV PRINTING	21,140		5,280	15,860
53102 PROF SRV-Interpreters	772,431		192,932	579,499
53105 OTHER CONTRACT/PROF SRVCS	111,160		27,765	83,395
Agency Temp Employees	-		0	-
53106 EDP & MICROFICHE/FILM SVC	127,554		31,860	95,695
53108 CONSTRUCTION CONTRACTS	-		-	-
53120 MISC SERVICES	307,755		76,869	230,886
53210 SERVICES COMM	6,134		1,532	4,602
53212 TELECOM SERV-ONE TIME	44,221		11,045	33,176
53213 CELL PHONE	45,275		11,308	33,967
53220 POSTAGE	123,502		30,847	92,655
53310 TRAVEL SUBSISTENCE	7,831		1,956	5,875
53311 TRAVEL SUBSISTENCE	11,753		2,936	8,818
53330 PURCHASED TRANSPORT	11,587		2,894	8,693
53611 SERVICES REPAIR MAIN IT	(66)		(16)	(49)
53612 LAUNDRY SERVICE	-		-	-
53711 RENT- LEASE	-		-	-
53712 RENT-COPY MACHINE	81,975		20,475	61,500
53713 RENT-OTHER EQUIP	10,274		2,566	7,708
53801 LEGAL SRVS	-		-	-
Jury	128,697		32,145	96,552
Witness	2,441		610	1,832
53803 MEMBERSHIPS	32,103		8,018	24,084
53808 TAXES AND ASSESSMENTS	-		-	-
53814 TRAINING	32,162		8,033	24,129
53863 BANK FEES	29,331		7,326	22,005
53890 MISC SERVICE CHARGES	89,217		22,284	66,933
55023 ITS NEW DEVELOPMENT	-		-	-
	7,120		1,778	5,342
55026 GIS OPERATIONS	24,602		6,145	18,457
55027 TECH SERV REBATE	(34,354)		(8,581)	(25,773)
55032 TELECOM OVERHEAD	-		-	-
55040 COUNTY PARKING GARAGE	12,960		3,237	9,723
55045 COURTHOUSE SCREENERS	-		-	-
55144 PROPERTY SERVICES	-		-	-
	339		-	339
55145 FACILITIES MGMT	100,745		25,163	75,581
55147 RECORDS AND LICENSING	-		-	-
55159 FMD COPY CENTER	67		17	50
55160 CONST & FACILTY MGMT	2,907,349		726,175	2,181,174

Dpt_DISTRICT COURT(0530)	2018 Total District Court	Probation where applicable	Net less probation	Comments
55245 FINANCIAL MGMT SVCS	309,744		77,365	232,379
55249 FMD STRATEGIC INITIATIVE FEE	-		-	-
55251 INSURANCE REBATE	(155,088)		(155,088)	Probation related
55252 INSURANCE S/S (PROBATION)	59,447		59,447	Probation related
55253 SYSTEM SRVS	-		-	-
55255 FINANCIAL MGMT SRVCS	-		-	-
55258 MOTOR POOL	4,726		1,180	3,546
55264 KCIT SRVS	37,368		9,333	28,035
55265 KCIT WORKSTATION SRVS	650,872		162,570	488,302
55268 KCIT eGOV SERVICES	56,790		14,185	42,605
55270 KCIT COUNTYWIDE SRVS	114,323		28,555	85,768
55331 LONG TERM LEASES	4,472		1,117	3,355 Adjusted below
55347 BRC SRV CHRG	271,607		67,840	203,767
55350 RADIO ACCESS	1,872		468	1,404
55351 RADIO MAINTENANCE PROGRAM	672		168	504
55353 RADIO EQUIP RESERVES	718		179	539
55353 EDP EQUIPMENT	-		-	-
58077 T T KCIT CIP FUND	35,568		8,884	26,684

Expenditures **6,661,559** **1,592,036** **5,069,524**

Total District Court **6,661,559** **1,592,036** **5,069,524**

53105 OTHER CONTRACT/PROF SRVCS
AGENCY TEMP WORKERS - - -

55045 COURTHOUSE SCREENERS - - -
55144 PROPERTY SERVICES 339 - 339
55331 LONG TERM LEASES 4,472 1,117 3,355
55249 FMD STRATEGIC INITIATVFEE - - -
53801 JURY/WITNESS FEES & MILEAGE 131,139 32,755 98,384
55145 FACILITIES MGMT 100,745 25,163 75,581
55160 CONST & FACLTY MGMT 2,907,349 726,175 2,181,174

Total Removed Accounts **3,144,043** **785,210** **2,358,833**

Subtotal to Apply Multiplier to: **3,517,516** **806,825** **2,710,690**

Multiplier (from Program Budget Salaries/Benefits, see Tab A) **24.65%**

"TOTAL CITY COSTS" **695,956.21**

City Jury Costs Owed 27,654

Methodology/Definitions/Notes:

1. Annual Total District Court Expenditures means the Final Year End Actual District Court Expenditures as set forth in the County's Accounting, Reporting and Management System ("ORACLE") (when "closed" by the King County Department of Executive Service – Finance) and includes at a minimum all accounts codes 52xxx, 53xxx, 54xxx, 55xxx, 56xxx, 57xxx, 58xxx, 59xxx.
2. Non-Salaries/Benefits, Non-Facilities, & Non-CX Overhead Costs Less Probation includes Annual Total District Court Expenditures less actual expenditures for probation, less account 55160 (facilities/construction), and less 55331 (long term leases). The City Cost is calculated by applying the Multiplier from Attachment A to the Non-Salaries/Benefits, Non-Facilities, & Non-CX Overhead Costs Less Probation.
3. One-Time Costs for District Court Technology and System Improvement Projects totaling under \$100,000 may be included in some of the above accounts (e.g., 53105, 55021, 55025, 56740, and 56741) per Section 4.8 of the Agreement.

City Jury Cost Calculation			
Juries Set	% of Total Juries Set	2018 Total Jury Costs	
State/County			
Criminal	158	57.87%	75,889
City	58	21.09%	27,654
State/County Civil	58	21.04%	27,596
	274	100.00%	131,139
		Paid by Cities	0
		Owed by Cities	27,654

ATTACHMENT "C" - TO THE FINANCIAL EXHIBIT

Security Costs per Facility

Facility	Total Sheriff Security Costs per Facility (capped amount)	Average of Judicial percentage and clerical percentage per Facility	City Case Costs per Facility
Auburn	220,189	78%	172,665
Bellevue	220,189	86%	189,561
Burien	220,189	13%	28,074
Issaquah	220,189	19%	40,997
Redmond	220,189	33%	71,687
Shoreline	220,189	64%	141,922
			644,906

Total Security Costs per Facility	Cost per FTE	# of FTEs
Security screener includes Overtime	\$ 75,234	1.00
Deputy/Marshal includes Overtime	\$ 137,376	1.33
Sergeant includes Overtime	\$ 7,579	0.05
	<u>\$ 220,189</u>	

Security Cost Increase Cap Calculation:

Year	Security Costs Per Facility		CPI-W + 1%	Cap	Capped Costs per Facility
2017	\$ 216,477				\$ 216,477
2018	\$ 220,189	4.40%	4.40%		\$ 220,189
2019		3.10%	3.10%		\$ -
2020		1.00%	1.00%		\$ -
2021		1.00%	1.00%		\$ -
2022		1.00%	1.00%		\$ -
2023		1.00%	1.00%		\$ -
2024		1.00%	1.00%		\$ -
2025		1.00%	1.00%		\$ -
2026		1.00%	1.00%		\$ -
2027		1.00%	1.00%		\$ -
2028		1.00%	1.00%		\$ -
2029		1.00%	1.00%		\$ -
2030		1.00%	1.00%		\$ -
2031		1.00%	1.00%		\$ -
2032		1.00%	1.00%		\$ -

Calculation of Multiplier by Facility:

	Clerical Need Percentage			Judicial Need Percentage			G = (C+F)/2
	A	B	C = B/A	D	E	F = E/D	
	Total Clerical Need per Facility	Total Contract City Clerical Need	Percent of Clerical Need for Contract Cities	Total Judicial Need per Facility	Total Contract City Judicial Need	Percent of Judicial Need for Contract Cities	Average of Clerical Need Percent and the Judicial Need Percent by Facility
Auburn	15.00	10.25	68%	2.00	1.77	89%	78%
Bellevue	13.00	9.32	72%	2.05	2.06	100%	86%
Burien	18.00	1.89	11%	3.00	0.45	15%	13%
Issaquah	12.00	1.04	9%	1.40	0.40	29%	19%
Redmond	15.00	3.38	23%	3.10	1.32	43%	33%
Shoreline	11.00	3.18	29%	1.20	1.30	100%	64%

Methodology/Definitions/Notes:

- The multiplier by facility is the average of the percent of clerical need for contract cities in the facility and the percent of judicial need for contract cities in the facility. The City Cost is the product of the actual staff salary and benefits for security and screening at each facility and the multiplier by facility.
- FTE costs include salary, benefits, overtime, vacation, sick leave and required training for security personnel.
- Security cost increases shall not exceed 100% (one hundred percent) of the Seattle-Tacoma-Bellevue CPI-W, annual, plus an additional 1% (one percent), with a maximum capped increase of a 5% (five percent) in any given year for the total security costs per facility starting in 2022.

ATTACHMENT "D" - TO THE FINANCIAL EXHIBIT

Facilities - Call Center/Payment Center

Year 2018

Facility	<u>Sq Footage</u> <u>by facility</u>	<u>Shared Space</u>	<u>Total per foot</u> <u>cost</u>	<u>Multiplier</u>	<u>City Case</u> <u>Costs</u>
Call Center	2,459	2,459	\$ 27.51	24.65%	19,512
Payment Center	1,041	1,041	\$ 27.51	24.65%	8,260
Total Costs					27,772

Methodology/Definitions/Notes:

1. The "Total per foot cost" rate for each year is calculated in the attachment "Facility Rates" pursuant to Exhibit B. Changing the year at the top of this sheet will update the facility rate.

ATTACHMENT "E" - TO THE FINANCIAL EXHIBIT

Reconciliation Costs

Total Costs for Reconciliation **\$567**

Calculation of Reconciliation Costs

Staff person name	KCDC Director	Budget		PSB Budget Analyst	Total
		Manager/City Contracts			
Hours spent on Reconciliation	6.00	-	1.00		7.0
Cost per hour (include Salary and Benefits)	\$ 81.43	\$ -	78.73		160.2
Total Costs for reconciliation	\$489	\$0	78.73		\$567

Specific Task done and hours spent on Reconciliation listed below

Reconciliation Documents Preparation	6.00
Review/ Analysis Reconciliation Documents	1.00
Sum of All Hours	7.00

Methodology/Definitions/Notes:

1. The amount the County incurs to complete the annual reconciliation as referenced in Section 4.3.

ATTACHMENT "F" - TO THE FINANCIAL EXHIBIT

One-Time Costs for District Court Technology and System Improvement Projects

	City Contribution			Reserve				
	Threshold	City Multiplier	City Share	Beginning Balance	Expenditures	Interest Earnings	Ending Balance	Reserve Cap*
** est 2021	300,000	22.00%	67,000	387,000	0	18,000	405,000	TBD
** est 2022	300,000	24.65%	73,963	405,000	0	0	405,000	1,000,000
2023	300,000			0	0	0	0	1,020,000
2024	300,000						0	1,040,400
2025	300,000						0	1,061,208
2026	300,000						0	1,082,432
2027	300,000						0	1,104,081
2028	300,000						0	1,126,162
2029	300,000						0	1,148,686
2030	300,000						0	1,171,659
2031	300,000						0	1,195,093
2032	300,000						0	1,218,994
2033	300,000						0	1,243,374
2034	300,000						0	1,268,242
2035	300,000						0	1,293,607
2036	300,000						0	1,319,479

Methodology/Definitions/Notes:

1. This Attachment is developed pursuant to Exhibit C. The City Multiplier is calculated in Attachment A. The City Cost is the product of the multiplier and the threshold unless adjusted or waived in any year where the reserve is projected to exceed the equivalent of the Cities' share of reserve cap \$1,000,000 increased by 2% per year beginning in 2022.
2. FY21 and FY22 values are estimates for placeholders only and trued up in 2022.

ATTACHMENT "G" - TO THE FINANCIAL EXHIBIT

Dedicated City space

	<u>Dedicated City Space</u>	<u>Total square foot charge</u>	<u>City cost for dedicated city space</u>	<u>Description</u>
Auburn			-	
Beaux Arts			-	
Bellevue			-	
Burien			-	
Carnation			-	
Covington			-	
Duvall			-	
Kenmore			-	
Redmond			-	
Sammamish			-	
Shoreline	-		-	
Skykomish			-	
Woodinville			-	
Total	-		-	

Methodology/Definitions/Notes:

1. Figures for dedicated and shared spaces are based on FMD rate.

Summary of All City Costs for Cities

Methodology/Definitions/Notes:

1. This attachment (and Non-Facility Costs and Facility Costs- Security portion only) divide the overall City Costs as determined in Exhibit A to individual cities based on the same method currently used to allocate costs. Facility costs allocation is noted below.
2. Those costs which are mainly salaries and benefits and are non-facility based, Attachments A, B, E, F and G, are allocated based on each cities percentage of all cities' clerical weights.
3. Those costs which are facility based, Attachment C is allocated based on the average of city case filings percentage and city judicial weights percentage per facility; Attachment Facility Costs allocates facility costs based on FMD standard square footage for an FTE-clerk and judicial square footage based on an individual building's average courtroom+jury+chambers+348 jury assembly room square
4. The tables below describe how this method allocates these costs across each city.

Summary of City Case Costs

Total Costs per Summary Exhibit A			Method for Allocation	
			Non-Facility Costs	Facility Costs % Clerical Need/Judicial Weights
Attachment	Item	City Case Costs 2018	Clerical Weights	
A	2018 District Court Program Budget Salaries and Benefits	4,975,644	\$ 4,975,644	
B	Non-Facility costs/Non-CX overhead costs less probation	695,956	\$ 695,956	
C	Security Costs per Facility	644,906		\$ 644,906
D	Facilities - Call Center/Payment Center	27,772	\$ 27,772	
E	Reconciliation Costs	567	567	
F	One-Time Costs for District Court Technology and System Improvement Projects	73,963	\$ 73,963	
J-Facility Costs	Facility Usage	274,391		\$ 274,391
	TOTAL CITY CASE COSTS IN 2018:	6,693,198	\$ 5,773,902	\$ 919,296
	TOTAL CITY REVENUE IN 2018	\$ 6,246,369		

City Dedicated Costs

G	Dedicated City space	-	-
	TOTAL CITY COSTS w/ DEDICATED	6,693,198	

City	Non-Facility Costs	Facility Usage/Security Costs	Dedicated Costs*	Total City Costs	Total City Revenue	Difference
Auburn	\$ 1,848,415	\$ 152,240	-	\$ 2,000,655	\$ 764,289	\$ (1,236,366)
Beaux Arts	-	-	-	-	-	-
Belleveue	\$ 1,852,443	\$ 189,366	-	\$ 2,041,809	\$ 3,824,437	\$ 1,782,628
Burien	\$ 374,678	\$ 67,976	-	\$ 442,655	\$ 184,520	\$ (258,135)
Carnation	\$ 2,884	\$ 5,939	-	\$ 8,823	\$ 3,327	\$ (5,496)
Covington	\$ 188,857	\$ 20,517	-	\$ 209,373	\$ 100,378	\$ (108,996)
Duvall	\$ 76,765	\$ 14,854	-	\$ 91,618	\$ 48,154	\$ (43,465)
Kenmore	\$ 122,206	\$ 53,713	-	\$ 175,920	\$ 140,383	\$ (35,537)
Redmond	\$ 595,490	\$ 147,727	-	\$ 743,218	\$ 446,444	\$ (296,774)
Sammamish	\$ 202,838	\$ 76,479	-	\$ 279,318	\$ 259,938	\$ (19,379)
Shoreline	\$ 509,326	\$ 184,675	-	\$ 694,001	\$ 469,379	\$ (224,622)
Skykomish	-	-	-	-	-	-
Woodinville	-	\$ 5,655	-	\$ 5,655	\$ 5,121	\$ (535)
Total	\$ 5,773,902	\$ 919,142	\$ -	\$ 6,693,044	\$ 6,246,369	\$ (446,676)

Non-Facility Costs for Cities

Summary of City Case Costs

Total Costs per Summary Exhibit A			Method for Allocation		
			Non-Facility Costs	Facility Costs % Clerical Need/Judicial Weights	
Attachment	Item	City Case Costs 2018	Clerical Weights		
A	2018 District Court Program Budget Salaries and Benefits	4,975,644	\$ 4,975,644		
B	Non-Facility costs/Non-CX overhead costs less probation	695,956	\$ 695,956		
C	Security Costs per Facility	644,906		\$ 644,906	
D	Facilities - Call Center/Payment Center	27,772	\$ 27,772		
E	Reconciliation Costs	567	\$ 567		
F	One-Time Costs for District Court Technology and System Improvement Projects	73,963	\$ 73,963		
J-Facility Costs	Facility Usage	274,391		\$ 274,391	
TOTAL CITY CASE COSTS IN 2018:		6,693,198	\$ 5,773,902	\$ 919,296	
TOTAL CITY REVENUE IN 2018		\$ 6,246,369			

City Dedicated Costs

G	Dedicated City space	-	-
TOTAL CITY COSTS w/ DEDICATED		6,693,198	

Clerical Usage

City	Total Weights (Time)	Percent of All Cities	Cost Distribution
Auburn	955,455	32.01%	\$ 1,848,415
Beaux Arts	0	0.00%	\$ -
Bellevue	957,537	32.08%	\$ 1,852,443
Burien	193,673	6.49%	\$ 374,678
Carnation	1,491	0.05%	\$ 2,884
Covington	97,621	3.27%	\$ 188,857
Duvall	39,680	1.33%	\$ 76,765
Kenmore	63,169	2.12%	\$ 122,206
Redmond	307,812	10.31%	\$ 595,490
Sammamish	104,848	3.51%	\$ 202,838
Shoreline	263,273	8.82%	\$ 509,326
Skykomish	0	0.00%	\$ -
Woodinville	0	0.00%	\$ -
Total	2,984,559	100%	\$ 5,773,902

By Attachment

City	A	B	E	F	G	Total
Auburn	\$ 1,592,866	\$ 222,798	\$ 8,891	\$ 182	\$ 23,678	\$ 1,848,415
Beaux Arts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bellevue	\$ 1,596,337	\$ 223,284	\$ 8,910	\$ 182	\$ 23,730	\$ 1,852,443
Burien	\$ 322,878	\$ 45,162	\$ 1,802	\$ 37	\$ 4,800	\$ 374,678
Carnation	\$ 2,486	\$ 348	\$ 14	\$ 0	\$ 37	\$ 2,884
Covington	\$ 162,747	\$ 22,764	\$ 908	\$ 19	\$ 2,419	\$ 188,857
Duvall	\$ 66,152	\$ 9,253	\$ 369	\$ 8	\$ 983	\$ 76,765
Kenmore	\$ 105,311	\$ 14,730	\$ 588	\$ 12	\$ 1,565	\$ 122,206
Redmond	\$ 513,162	\$ 71,777	\$ 2,864	\$ 59	\$ 7,628	\$ 595,490
Sammamish	\$ 174,795	\$ 24,449	\$ 976	\$ 20	\$ 2,598	\$ 202,838
Shoreline	\$ 438,910	\$ 61,391	\$ 2,450	\$ 50	\$ 6,524	\$ 509,326
Skykomish	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Woodinville	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 4,975,644	\$ 695,956	\$ 27,772	\$ 567	\$ 73,963	\$ 5,773,902

Facility Costs for Cities

Facility Usage

Summary of City Costs

Total Costs per Summary Exhibit A			Method for Allocation	
Attachment	Item	City Case Costs 2018	Non-Facility Costs	Facility Costs
			Clerical Weights	% Clerical Need/Judicial Weights
A	2018 District Court Program Budget Salaries and Benefits	4,975,644	\$ 4,975,644	
B	Non-Facility costs/Non-CX overhead costs less probation	695,956	\$ 695,956	
C	Security Costs per Facility	644,906		\$ 644,906
D	Facilities - Call Center/Payment Center	27,772	\$ 27,772	
E	Reconciliation Costs	567	\$ 567	
F	One-Time Costs for District Court Technology and System Improvement Projects	73,963	\$ 73,963	
J-Facility Costs	Facility Usage	274,391		\$ 274,391
TOTAL CITY CASE COSTS IN 2018:		6,693,198	\$ 5,773,902	\$ 919,296
TOTAL CITY REVENUE IN 2018		\$ 6,246,369		
City Dedicated Costs				
G	Dedicated City space	-		
TOTAL CITY COSTS w/ DEDICATED		6,693,198		

Facility Usage Costs

Courthouse facility charge per square foot 2018 \$ 27.51

Component	Clerical Facility Usage		Judicial Facility Usage		Total Allocated Square Footage	Total Allocated Facility Costs
	Total Clerical Need per Facility & Contract City Clerical Need	Clerical Allocated Square Footage	Total Judicial Need per Facility & Contract City Judicial Need	Judicial Allocated Square Footage		
Auburn Courthouse		15.00		2.00		
Auburn	9.30		1.52			\$ -
Covington	0.95		0.26			\$ -
Bellevue Courthouse	13.00		2.05			\$ -
Beaux Arts	0.00		0.00			\$ -
Belleveue	9.32		2.06			\$ -
Burien Courthouse	18.00	3,600	3.00	7,242	10,842	\$ 298,263
Burien	1.89	377	0.45	1,078	1,455	\$ 40,040
Issaquah Courthouse	12.00	2,400	1.40	4,516	6,916	\$ 190,270
Carnation	0.01	3	0.04	128	131	\$ 3,613
Samamish	1.02	204	0.36	1,169	1,374	\$ 37,786
Redmond Courthouse	15.00	3,000	3.10	6,687	9,687	\$ 266,481
Duvall	0.39	77	0.10	215	293	\$ 8,048
Redmond	3.00	599	1.15	2,481	3,080	\$ 84,726
Skykomish	0.00	-	0.00	-	-	\$ -
Woodinville	0.00	-	0.07	141	141	\$ 3,880
Shoreline Courthouse	11.00	2,200	1.20	2,636	4,836	\$ 133,049
Kenmore	0.61	123	0.32	699	822	\$ 22,619
Shoreline	2.56	513	0.99	2,166	2,678	\$ 73,680
Total Cities Allocated Cost						\$ 274,391

Square footage assumptions

Component	Square footage - used to determine cost share	Notes
Clerical	200	FMD standard amount per FTE. Square footage of individual facility's rentable square footage of average courtroom+average jury room+average chambers+ Cell J31 (jury assembly). Values from FMD.
Judicial	Variable, below	Additional square footage to represent jury assembly space. Building is owned by the City of Auburn. Building is leased by the City of Bellevue.
	348	
	2,414	Sq. footage 2066 + 348
	3,226	Sq. footage 2878 + 348
	2,157	Sq. footage 1809 +348
	2,197	Sq. footage 1849 + 348

Security Costs

Spreading Attachment D (security) across each City

Calculation of Multiplier by Facility:

Attachment	Clerical Need Percentage			Judicial Need Percentage			Attachment D	
	Total Clerical Need per Facility	Total Contract City Clerical Need	Percent of Clerical Need for Contract City	Total Judicial Need per Facility	Total Contract City Judicial Need	Percent of Judicial Need for Contract City	Average of the percent values of the Clerical Need by the Facility Method and the Judicial Need by Facility Method:	Security Costs per Facility
Auburn Courthouse	15.00	10.25		2.00	1.77			\$ 172,665
Auburn		9.30	91%		1.52	86%	88%	\$ 152,240
Covington		0.95	9%		0.26	14%	12%	\$ 20,517
Bellevue Courthouse	13.00	9.32		9.32	2.06			\$ 189,561
Beaux Arts		-	0%		-	0%	0%	\$ -
Belleveue		9.32	100%		2.06	100%	100%	\$ 189,366
Burien Courthouse	18.00	1.89		1.89	0.45			\$ 28,074
Burien		1.89	100%		0.45	99%	100%	\$ 27,937
Issaquah Courthouse	12.00	1.04		1.40	0.40			\$ 40,997
Carnation		0.01	1%		0.04	10%	6%	\$ 2,326
Samamish		1.02	98%		0.36	91%	94%	\$ 38,693
Redmond Courthouse	15.00	3.38		3.10	1.32			\$ 71,687
Duvall		0.39	11%		0.10	8%	9%	\$ 6,806
Redmond		3.00	89%		1.15	87%	88%	\$ 63,002
Skykomish		-	0%		-	0%	0%	\$ -
Woodinville		-	0%		0.07	5%	2%	\$ 1,775
Shoreline Courthouse	11.00	3.18		1.20	1.30			\$ 141,922
Kenmore		0.61	19%		0.32	24%	22%	\$ 31,094
Shoreline		2.56	81%		0.99	76%	78%	\$ 110,996
Total Cities Allocated Costs								\$ 644,752

Methodology/Definitions/Notes:

- The facility rate per square foot for each year is calculated in the attachment (tab) "Facility Rates." Changing the year in the middle of this sheet (cell A25) will update the facility rate.
- Refer to Exhibit B for the overall methodology for the rate per square foot. Facility costs are based on FMD standard square footage for an FTE-clerk and judicial square footage based on an individual building's average courtroom+jury+chambers+348 jury assembly room square footage.
- Figures for dedicated and shared spaces are based on rentable space consistent with BOMA standards.
- The multiplier by facility for security is the average of the percent of clerical need for contract cities in the facility and the percent of judicial need for contract cities in the facility. The security cost is the product of the multiplier and the total security cost per facility as calculated on tab c.

County/Other Dedicated Space

Facility	<u>Sq. Footage by facility</u>	<u>Dedicated County/Other Space</u>	<u>Description</u>
Auburn	-	-	
Bellevue	-	-	
Burien	11,583	757	County prosecutor occupies two rooms in NW corner of facility.
Issaquah	15,017	4,961	1070 sf is vacant, previously occupied by County prosecutor. 1891 sf for DC probation. 2000 for courtroom
Redmond	11,656	1,020	County prosecutor occupies three rooms off the lobby hallway. County public defender, County Prosecutor (state cases), and Marshall occupy three rooms to the right of the main entrance.
Shoreline	11,523	653	DC probation occupies several offices off the main lobby hallway (653).
Total	<u>49,779</u>	<u>7,391</u>	

Methodology/Definitions/Notes:

1. As requested, the County can provide drawings of these facilities to illustrate how spaces are allocated.

King County District Court City Revenue

	Shared Court Costs Year 2017 YTD Revenues				Shared Court Costs Year 2018 YTD Revenues				Revenue Remitted under Old Contract
	100% Revenue Collected	Split Co/City	Actual Retained by County	Revenue Remitted to City	100% Revenue Collected	Split Co/City	Actual Retained by County	Revenue Remitted to City	
Auburn	788,831	0%/100%	0	788,831	764,289	0%/100%	0	0	0
Beaux Arts	39	100%/ 0%	39	0	0	100%/ 0%	0	0	0
						75%/25% (4) then 70%/30% (2) then 30%/70% (3) then			
Bellevue	4,033,494	50%/50%	2,275,309	1,758,185	3,824,437	60%/40% (3)	2,280,709		0
Burien	176,109	100%/0%	176,109	0	184,520	100%/0%	184,520	0	0
Carnation	2,986	100%/ 0%	2,986	0	3,327	100%/ 0%	3,327	0	0
Covington	91,132	100%/ 0%	91,132	0	100,378	100%/ 0%	100,378	0	0
Duvall	48,705	100%/ 0%	48,705	0	48,154	100%/ 0%	48,154	0	0
Kenmore	166,531	100%/ 0%	166,531	0	140,383	100%/ 0%	140,383	0	0
Redmond	408,824	100%/0%	408,824	0	446,444	100%/0%	446,444	121	0
Sammamish	279,656	100%/ 0%	279,656	0	259,938	100%/ 0%	259,938	0	0
Shoreline	422,402	100%/ 0%	422,402	0	469,379	100%/ 0%	469,379	0	0
Skykomish	0	100%/ 0%	0	0	0	100%/ 0%	0	0	0
Woodinville	34,424	100%/ 0%	34,424	0	5,121	100%/ 0%	5,121	0	0
	6,453,133		3,906,117	2,547,016	6,246,369		3,938,352	121	0

Total City Revenue

6,453,133

6,246,369

**Dollar amount is different from page 1. We have deleted cities which no longer contract with us.

Methodology/Definitions/Notes:

1. Contracting Cities changed in 2005 & 2007.
2. Cities that no longer contract with KCDC are not reflected above.

2018 - KING COUNTY DISTRICT COURT FILINGS BY CASETYPE												
	Infraction Traffic	Infraction Non-Traffic	DUI	Criminal Traffic	Criminal Non-Traffic	Protection AH/Orders	Civil	Small Claims	Expedited Hearings	PC Jail Felony Hearings	Parking	Total Jan - Dec
JURISDICTION												
State/County	76,247	8,029	3,360	315	1,057	2,684	3,359	3,205	586	12,344	11,441	122,627
Ecourt							16,798					16,798
Vashon Island	4	11	6	1	2	0	0	0	0	0	86	110
Total State/County	76,251	8,040	3,366	316	1,059	2,684	20,157	3,205	586	12,344	11,527	139,535
Auburn	5,363	122	230	1,111	2,400						3,482	12,708
Beaux Arts	0	0	0	0	0						0	0
Bellevue	8,287	39	118	770	1,385						37,100	47,699
Burien	913	8	226	84	369						668	2,268
Carnation	0	0	0	3	4						0	7
Covington	1,000	8	20	130	150						155	1,463
Duvall	490	0	8	63	29						0	590
Kenmore	699	6	23	82	45						463	1,318
Redmond	5,161	38	41	213	547						719	6,719
Sammamish	2,435	6	30	58	61						128	2,718
Shoreline	3,876	67	75	260	271						985	5,534
Skykomish												0
Total Contract Cities	28,224	294	771	2,774	5,261	0	0	0	0	0	43,700	81,024
Total KCDC	104,475	8,334	4,137	3,090	6,320	2,684	20,157	3,205	586	12,344	55,227	220,559

2018 - KING COUNTY DISTRICT COURT WEIGHTED FILINGS BY CASETYPE

	Infraction Non-Traffic/Traffic	Infraction Non-Traffic/Traffic E-citations	DUI/Physical Control	Misd Traffic	Misd Non-Traffic	DV Court (State Cases)	Protection AH/Orders	Civil	Name Changes	Small Claims/Impounds	Expedited Filings	Felony 1st Appear	Parking	Parking E-citations	Passports	Total Jan - Dec
Case Wgt (Minutes)	40	27	370	305	149	409										
JURISDICTION																
State/County Workload	373,320	2,023,866	1,245,420	96,380	47,978	180,778	354,288	2,502,902	88,004	205,260	48,638	148,128	103,743	0	219,510	7,638,215
Total State/County	373,320	2,023,866	1,245,420	96,380	47,978	180,778	354,288	2,502,902	88,004	205,260	48,638	148,128	103,743	0	219,510	7,638,215
Case Wgt (Minutes)	40	27	370	305	149	139							9	6		
Auburn	1,160	147,312	85,100	338,855	269,541	82,149		0	0		0	0	31,338	0		955,455
Beaux Arts	0	0	0	0	0	0		0	0		0	0	0	0		0
Bellevue	4,760	221,589	43,660	234,850	164,943	38,642		0	0		0	0	79,479	169,614		957,537
Burien	840	24,300	83,620	25,620	29,651	23,630		0	0		0	0	6,012	0		193,673
Carnation	0	0	0	915	298	278		0	0		0	0	0	0		1,491
Covington	0	27,216	7,400	39,650	16,539	5,421		0	0		0	0	1,395	0		97,621
Duvall	320	13,014	2,960	19,215	2,086	2,085		0	0		0	0	0	0		39,680
Kenmore	160	18,927	8,510	25,010	2,086	4,309		18,927	8,510		0	0	4,167	0		63,169
Redmond	2,000	139,023	15,170	64,965	61,835	18,348		0	0		0	0	6,471	0		307,812
Sammamish	800	65,367	11,100	17,690	3,874	4,865		0	0		0	0	1,152	0		104,848
Shoreline	4,640	103,329	27,750	79,300	25,628	13,761		0	0		0	0	8,865	0		263,273
Skykomish	0	0	0	0	0	0		0	0		0	0	0	0		0
Total Contract Cities	14,680	760,077	285,270	846,070	576,481	193,488		0	0		0	0	138,879	169,614		2,984,559
Total	388,000	2,783,943	1,530,690	942,450	624,459	374,266	354,288	2,502,902	88,004	205,260	48,638	148,128	242,622	169,614	219,510	10,622,774

Methodology/Definitions/Notes:

1. The NCSC staffing study was incorporated into case weights in 2007.

County vs. City Weighted Filings		
		%
Total Weighted Filings	10,622,774	100.00%
County Weighted Filings	7,638,215	71.90%
City Weighted Filings	2,984,559	28.10%

2018 - JUDICIAL ALLOCATION

	Total Judicial Units Available per Week	Total Judicial Units Assigned per Week	
Total Judicial Units Assigned to County per Week		19.04	
Total Judicial Units Assigned to Cities per Week		7.31	
Cross-check	23.10	26.35	26.35
Available/Assigned			

Judicial Officers FTE	24.20
Presiding Judge	(1.00)
Assistant Presiding Judge	(0.10)
Total Judicial Units available per week	23.10

JURISDICTION	County/State Criminal	County/State Infractions	County/State Civil	DV Court	Jail/Felony Expedited	Inquests	Shared
State/County Calendars	708.02	263.49	58.89	279.73	23.45	56.07	0.24 26.15
State/County Judges	14.89	5.07	1.13	5.38	0.80	2.00	0.005 0.50
State/County Juries	4.15	2.86		1.11	0.18		
Total Judges Used	19.04	7.93	1.13	6.49	0.98	2.00	0.00 0.50

JURISDICTION	Total Calendars	Judges for Calendars	Judges for Juries	Total Judges per City	Total Judges Assigned
Auburn	70.39	1.35	0.16	1.52	1.52
Besux Arts	0.00	0.00	0.00	0.00	0.00
Bellevue	90.09	1.73	0.32	2.06	2.06
Burien	20.83	0.40	0.05	0.45	0.45
Carnation	1.47	0.03	0.01	0.04	0.04
Covington	10.94	0.21	0.05	0.26	0.26
Duvall	4.59	0.09	0.01	0.10	0.10
Kenmore	14.15	0.27	0.05	0.32	0.32
Redmond	48.12	0.93	0.22	1.15	1.15
Sammamish	15.85	0.30	0.06	0.36	0.36
Shoreline	44.06	0.85	0.14	0.99	0.99
Skykomish	0.00	0.00	0.00	0.00	0.00
Woodinville	1.00	0.02	0.05	0.07	0.07
Total Contract Cities	321.49	6.18	1.11	7.29	7.29

Jury Trials Set	Total Calendars	Judges for Calendars	Civil	Judicial Allocation
Auburn	8.40	0.16		0.16
Besux Arts	0.00	0.00		0.00
Bellevue	16.80	0.32		0.32
Burien	2.40	0.05		0.05
Carnation	0.60	0.01		0.01
Covington	2.40	0.05		0.05
Duvall	0.60	0.01		0.01
Kenmore	2.40	0.05		0.05
King County	158.40	4.15	57.60	4.15
Redmond	11.52	0.22		0.22
Sammamish	3.00	0.06		0.06
Shoreline	7.20	0.14		0.14
Skykomish	0.00	0.00		0.00
Woodinville	2.40	0.05		0.05
City Totals		1.11		1.11
All Totals	216.12		57.60	5.26

King County Jury Time	Totals	%	Judicial Allocation
Criminal	148.80	68.89%	2.86
Criminal DV	9.60	4.44%	0.18
Civil	57.60	26.67%	1.11
Totals	216.00	100.00%	4.15

No. of Judges needed for Jury Trials	
Judge Days / Month	80.00
Judge Days / Year	960.00
Divided by 52 weeks	18.46
Total Judges used per day for Juries	3.69

Special Assignment Judges	
RLP Court Burien	0.10
RLP Court Seattle	0.10
DV Court MRJC	0.80
Jail/Felony/ MRJC	0.70
Jail/ Fugitive Seattle	1.10
Felony/Expedited Seattle	0.20
Total	3.00

Facility	Assigned Judicial Officers
Auburn	2.00
Bellevue	2.05
Burien	3.00
Issaquah	1.40
Redmond	3.10
Shoreline	1.20
Total	12.75

Methodology/Definitions/Notes:

1. Removes judicial differential factor. Resulting in only judges deemed necessary per court calendars.

2018 - KING COUNTY DISTRICT COURT CLERICAL ALLOCATION

**18 Centralized Clerks + 13 Comp Clerks = 31

Programs	Clerical Staff	% of Clerical staff	31.00	
			Clerks after removal of Centralized and Compliance Clerks	Total w/o Centralized Clerks
County-State Criminal DUI/Phy Control, Mis Traffic & NT & PO's	22.07	16.42%	5.09	16.98
County-State Infractions (Traffic & Non-Traffic, Prkg)	31.64	23.54%	7.30	24.34
County-State Civil, Name Changes, Small Claims/impounds	35.38	26.32%	8.16	27.22
City Contracts				
Auburn	12.09	8.99%	2.79	9.30
Beaux Arts	0.00	0.00%	0.00	0.00
Bellevue	12.12	9.01%	2.79	9.32
Burien	2.45	1.82%	0.57	1.89
Carnation	0.02	0.01%	0.00	0.01
Covington	1.24	0.92%	0.28	0.95
Duvall	0.50	0.37%	0.12	0.39
Kenmore	0.80	0.59%	0.18	0.61
Redmond	3.89	2.90%	0.90	3.00
Sammamish	1.33	0.99%	0.31	1.02
Shoreline	3.33	2.48%	0.77	2.56
Skykomish	0.00	0.00%	0.00	0.00
DV Court (State)	2.29	1.70%	0.53	1.76
Jail/Felony/Expedited	2.49	1.85%	0.57	1.92
Passports	2.78	2.07%	0.64	2.14
Total	134.40	100.0%	31.00	103.40

Total FTEs as Clerical Staff	
Total FTEs as Clerical Staff	134.40
Compliance Clerks	13.00
Passport Clerks	2.78
Specialty FTEs	4.78
Centralized FTEs	18.00
Remaining Clerical	95.85

SPECIALTY FTEs	
Program	Clerks
DV Court	2.29
Jail	2.49
	4.78

CENTRALIZED FTEs		
Court	Program	Clerks
Central	Payment Ctr	8.00
Central	Call Center	10.00
		18.00

FACILITY RATES

District Court Facilities				
	Streamlined/ Actual FMD Rate	Capped Rate	CPI-W	Facility Charge
2018	33.50	27.51	3.40%	27.51
2019	31.91	28.09	2.10%	28.09
2020				
2021				-
2022				-
2023				-
2024				-
2025				-
2026				-
2027				-
2028				-
2029				-
2030				-
2031				-
2032				-

Methodology/Definitions/Notes:

1. Per Exhibit B, the rate each year following 2022 is the lesser amount between the actual rate provided by King County's Facilities Management Division and the capped rate determined by multiplying the previous year's facilities charge by that year's CPI-W.

EXHIBIT B
ANNUAL FACILITY CHARGES FOR DISTRICT COURT FACILITIES

This Exhibit is attached to the Interlocal Agreement for the Provision of District Court Services between the County and the City. The terms and conditions described in this Exhibit are a further description of the obligations of the parties regarding the calculation of annual facility charges for County owned or operated District Court facilities.

King County's Facilities Management Division (FMD) determines the cost per square foot for facilities owned and maintained by the County. The FMD rate typically includes: operating costs, debt service, major maintenance contribution, space planning, conservation/energy management, cost of carbon, and FMD overhead. FMD's rates are specific to each building group. District Court facilities are a single group.

The annual facility charge is the net rentable square footage in each facility pursuant to Section 3.1 multiplied by the FMD rate per square foot for the District Court facilities.

FMD will provide the rate for the District Court dedicated buildings for the next two calendar years by September of each even year. For 2022, cities will pay the actual FMD rate. The rate each year thereafter is the lesser amount between the actual rate provided by the Facilities Management Division and the capped rate determined by increasing the previous year's facilities charge by that year's annual CPI-W (Seattle Tacoma Bellevue, all items, base period 1982-84=100).¹

¹ Annual CPI-W will be sourced each year from the U.S. Bureau of Labor Statistics during contract reconciliation. Annual CPI-W is available in 2020 at https://data.bls.gov/timeseries/CWURS49DSA0&output_view=pct_12mths.

EXHIBIT C
RESERVE FUNDS FOR ONE-TIME COSTS FOR DISTRICT COURT
TECHNOLOGY AND SYSTEM IMPROVEMENT PROJECTS

This Exhibit is attached to the Interlocal Agreement for the Provision of District Court Services between the County and the City. The terms and conditions described in this Exhibit are a further description of the obligations of the parties regarding the one-time costs for technology and other system improvement projects.

This Exhibit operates to maintain a reserve fund for technology and other system improvement projects so that funding for these projects is available when needed and to enable the Cities to spread out such costs over time.

1. The District Court shall present its technology plan and updates to the DCMRC. The technology plan shall describe the projected business needs of the District Court, assess the ability of current technology systems to meet these needs, and outline overall technology strategies and potential projects to support the projected business needs of the District Court. The District Court shall present the business case for each proposed technology improvement project. The business case shall identify: (1) capital, operations, maintenance costs, and potential funding sources for each technology improvement project, (2) the benefits to the court system and users (3) potential impacts to cities associated with implementing each technology improvement project, and (4) proposal for use of reserve funds. The Cities shall have an opportunity to provide input on the technology plan and business cases for proposed technology improvement projects.
2. District Court shall present to DCMRC any system improvement project that includes a proposal for the use of reserve funds. System improvement projects include, but are not limited to, clerical weighted caseload studies.
3. Funds from the reserve shall not be used until the DCMRC approves such expenditure. Such approval shall be obtained by mutual agreement of the DCMRC. The funds shall not be expended until the technology or system improvement project has been implemented. If the funds in the reserve are not sufficient to cover the Cities' share of an implemented technology or system improvement project, the contributions of Cities to the reserve fund in subsequent years may be used to cover this shortfall.
4. One-time costs for technology or system improvement projects shall be identified separately from operating and capital costs as part of reconciliation.
5. Beginning in 2022, the amount of the Cities' annual contribution shall be equivalent to the Cities' proportionate share of \$300,000. The Cities' share is defined as the multiplier calculated in Attachment A of Exhibit A (percentage of salaries and benefits for contract cities).
6. The Cities' contribution would be adjusted or waived in any year where the reserve is projected to exceed the Cities' share of the reserve cap. Beginning in 2022, the reserve cap shall be \$1,000,000 and shall increase by 2% per year thereafter. The reserve cap for each year of the contract is included in Attachment A of Exhibit A.

7. The parties may decide to suspend the 2% increase to the reserve cap for any particular year if the parties, through agreement of the DCMRC, agree that the reserve is at a sufficient amount for that year. Annually, the net interest earnings attributable to the balance of funds in the Cities' reserve shall accrue to their reserve.
8. If this Agreement is terminated as to a particular City or Cities, such City(ies) shall receive its portion of the reserve remaining by January 1st following the date of termination.

EXHIBIT D
City Regular Court Calendar

This Exhibit is attached to the Interlocal Agreement for the Provision of District Court Services between the County and the City.

The City of _____'s regular court calendars will be held on _____ (day(s) of the week). The designated day(s) may be adjusted upon mutual agreement of the City and County and without formal amendment of this ILA so long as such agreement is memorialized in writing between the Chief Presiding Judge or designee and City's designated representative.



Memorandum

Date: 2/2/2021
Meeting of: City Council

File No. AM No. 21-A033 PD
Type: Consent Item

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

Police	Chief Darrell Lowe	425-556-2529
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DEPARTMENT STAFF:

Police	Tim Gately	Provisional Captain
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TITLE:

Approval of an Interlocal Agreement Between King County and the City of Redmond for Misdemeanor Jail Services

OVERVIEW STATEMENT:

The City of Redmond is responsible for housing inmates detained on City misdemeanor charges. The City currently contracts with South Correctional Entity (SCORE), located in Des Moines and relies primarily on this jail for services for City defendants. The City also contracts with King County for jail services located in Seattle and at the Regional Justice Center in Kent. The King County Jail is a back-up option for the City as the City detains most of its defendants at SCORE. The King County agreement is for a term of two years, for 2021-2022.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

Receive Information Provide Direction Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
N/A
- **Required:**
The City is required by law to house misdemeanants and felons under RCW 39.34.180 (Criminal Justice Responsibilities - Interlocal Agreements - Termination).
<https://app.leg.wa.gov/rcw/default.aspx?cite=39.34.180>
- **Council Request:**
N/A
- **Other Key Facts:**
This is a renewal of the King County agreement that expired December 31, 2020.

OUTCOMES:

The City has access to the King County jails when needed and pays for inmate housing and other services at a per bed rate, on an as needed basis, for inmates detained on City misdemeanor charges. The proposed agreement includes updated rates for 2021; the County typically sends new rates each year in December.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
The contract was received from King County on December 18, 2020, with an effective date of January 1, 2021.
- **Outreach Methods and Results:**
N/A
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:

City funding available for jail services provided at SCORE and King County for 2021-2022 is \$945,000. The total amount paid (Jan-Nov) for King County Jail Services in 2020 was \$4,600. This is lower due in part to COVID restrictions.

Approved in current biennial budget: Yes No N/A

Budget Offer Number:

228 Criminal Justice

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	Committee of the Whole - Public Safety	Provide Direction

Proposed Upcoming Contact(s)

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

Time Constraints:

This Interlocal Agreement takes effect on January 1, 2021 and expires on December 31, 2022. The agreement will provide the City the ability to house inmates at the King County Jail on an as needed basis.

ANTICIPATED RESULT IF NOT APPROVED:

The King County Jail is not the City's primary housing option. If not approved, the City would need to explore other options for alternative jail services, however, these options are limited.

ATTACHMENTS:

Attachment A: Interlocal Agreement Between King County and The City of Redmond for Jail Services

Interlocal Agreement Between King County and The City of Redmond for Jail Services

THIS AGREEMENT is effective as of January 1, 2021 ("Effective Date"). The Parties to this Agreement are King County, a Washington municipal corporation and legal subdivision of the State of Washington (the "County") and The City of Redmond a Washington municipal corporation (the "City").

WHEREAS, this Agreement is made in accordance with the Interlocal Cooperation Act (RCW Chapter 39.34) and the City and County Jails Act (RCW Chapter 70.48);

NOW THEREFORE, in consideration of the promises, payments, covenants and agreements contained in this Agreement, the parties agree as follows:

1. Definitions: Unless the context clearly shows another usage is intended, the following terms shall have these meanings in this Agreement:
 - 1.1 "Agreement" means this Interlocal Agreement by and between King County and the City for Jail Services and any amendments to this Agreement.
 - 1.2 "Booking" means registering, screening and examining persons for confinement in the Jail or assignment to a King County Community Corrections Division (CCD) program; inventorying and safekeeping personal property of such persons; maintaining all computerized records of arrest; performing warrant checks; Jail Health Services (JHS) health screening; and all other activities associated with processing a person for confinement in Jail or assignment to a CCD program.
 - 1.3 "Booking Fee" means the fee incurred for booking City Inmates, as further described in Exhibit III, Section 2.
 - 1.4 "Business Day" means Monday through Friday, 8:00 a.m. until 5:00 p.m., except emergency facility closures, holidays and County-designated furlough days.
 - 1.5 "City Detainee" means a person booked into or housed in a Secure Detention facility such as the Jail but also including any other Secure Detention facility not operated by or on behalf of the County, which individual would, if housed in the Jail, qualify as a City Inmate.
 - 1.6 "City Inmate" means a person booked into or housed in the Jail when a City charge is the principal basis for booking or confining that person.
 - A. A City charge is the principal basis for booking or confining a person where one or more of the following applies, whether pre-trial or post-trial. (See Exhibit I for further billable charge rules.):
 - 1.6.1 The person is booked or confined by reason of committing or allegedly committing a misdemeanor or gross misdemeanor offense within the City's jurisdiction, and:

- 1.6.1.1 The case is referred to the City, through its City Attorney or contracted attorney, for a filing decision; or
 - 1.6.1.2 The case is referred to the City, through its City Attorney or contracted attorney, who then refers the case to the County Prosecutor for a filing decision per section 1.6.2; or
 - 1.6.1.3 The case is filed by the City, through its City Attorney or contracted attorney, whether filed under state law or city ordinance.
- 1.6.2 The person is booked or confined by reason of committing or allegedly committing a misdemeanor or gross misdemeanor offense, whether filed under state law or city ordinance, within the City's jurisdiction and the case is referred by the City, through its City attorney or contracted attorney, to the County prosecutor and filed by the County prosecutor as a misdemeanor in district court due to a conflict or other reason but excluding a case filed in a regionally-funded mental health court as described in Section 1.6.10.
- 1.6.3 The person is booked or confined by reason of a Court warrant issued either by the City's Municipal Court or other court when acting as the City's Municipal Court;
- 1.6.4 The person is booked or confined by reason of a Court order issued either by the City's Municipal Court or other court when acting as the City's Municipal Court; or,
- 1.6.5 The person is booked or confined by reason of subsections 1.6.1 through 1.6.4 above in combination with charges, investigation of charges, and/or warrants of other governments, and the booking or confinement by reason of subsections 1.6.1 through 1.6.4 above is determined to be the most serious charge in accordance with Exhibit I.
- 1.6.6 The person has been booked or confined for reasons other than subsections 1.6.1 through 1.6.5 and would be released or transferred but for the City having requested that the County continue to confine the person.
- B. A City charge is not the principal basis for confining a person where:
- 1.6.7 The person is booked or confined exclusively or in combination with other charges by reason of a felony charge or felony investigation.
 - 1.6.8 The person is confined exclusively or in combination with other charges by reason of a felony charge or felony investigation that has been reduced to a State misdemeanor or gross misdemeanor.
 - 1.6.9 The City has requested the transfer of the person to another jail facility not operated by King County and the County denies the request, unless one or more of the transfer exception criteria listed in Attachment I-2 are met, in which case the person remains a City Inmate. The billing status of the person will change to no longer be the City's responsibility effective the calendar day following the day that the County denies the transfer request. If the County thereafter determines that it no longer needs to detain the person and the person would as a result become a City Inmate, then the County will provide notice to the City that it will become billable for the Inmate. For details on notice and billing, see Attachment I-2.
 - 1.6.10 The person is booked or confined by reason of committing a misdemeanor or gross misdemeanor offense, whether filed under state law or city ordinance, within the

City's jurisdiction and the case is referred by the City attorney or contracted attorney to the County prosecutor and filed by the County prosecutor as a misdemeanor in the mental health court (or successor) for so long as the operations of such court are substantially funded by special regional funds (for example, Mental Illness and Drug Dependency sales tax levy) or other regional funding as the County may determine. The County shall provide the City thirty (30) days Notification before changing the status of a regionally-funded mental health court to local funding status. The City is not billed for cases filed by the County prosecutor into mental health court prior to changing to local funding status.

- 1.7 "Community Corrections Programs" means programs designed as alternatives to, or as rehabilitation or treatment in lieu of, Secure Detention, operated by or on behalf of the King County Department of Adult and Juvenile Detention (DAJD) Community Corrections Division, or its successor. Upon the date of the execution of this Agreement, Community Corrections Programs include Electronic Home Detention and Community Center for Alternative Programs (CCAP).
- 1.8 "Continuity of Care Records" means an Inmate's diagnosis, list of current medications, treatments, PPD (tuberculosis screening test) results and scheduled appointments or follow-ups.
- 1.9 "Contract Cities" mean cities that are signatory to an agreement in substantially similar form to this Agreement. Contract Cities do not include cities who are a party to the 2012-2030 Agreement.
- 1.10 "Contract Cities Inmates" means all Contract Cities' City Inmates.
- 1.11 "County Inmate" means any Inmate that is not a City Inmate.
- 1.12 "DAJD" means the King County Department of Adult and Juvenile Detention or its successor agency.
- 1.13 "Fees and Charges" are the Fees and Charges imposed as described in Section 4 and Exhibit III.
- 1.14 "Force Majeure" means war, civil unrest, and any natural event outside of the party's reasonable control, including pandemic, fire, storm, flood, earthquake or other act of nature.
- 1.15 "Inmate" means a person booked into or housed in the Jail.
- 1.16 The first "Inmate Day" means confinement for more than six (6) hours measured from the time such Inmate is first presented to and accepted by the Jail for housing in the Jail until the person is released, provided that an arrival on or after six (6) o'clock p.m. and continuing into the succeeding day shall be considered one day. The second and each subsequent Inmate Day means confinement for any portion of a calendar day after the first Inmate Day. For persons confined to the Jail for the purpose of mandatory Driving Under the Influence (DUI) sentences, "Inmate Day" means confinement in accordance with Exhibit II.

- 1.17 “Jail” means a place owned or operated by or under contract to the County primarily designed, staffed, and used for the housing, in full confinement, of adults charged or convicted of a criminal offense; for the punishment, correction, and rehabilitation of offenders charged or convicted of a criminal offense; for confinement during a criminal investigation or for civil detention to enforce a court order, all where such place is structured and operated to ensure such individuals remain on the premises 24-hours a day (excluding time for court appearances, court approved off-premises trips, or medical treatment). Inmates housed in the Jail are considered to be in Secure Detention as defined in Section 1.26. Upon the date of the execution of the Agreement, Jail includes the King County Correctional Facility and the detention facility at the Maleng Regional Justice Center.
- 1.18 “Maintenance Charge” is the daily housing charge incurred for City Inmates housed in Jail as further described in Exhibit III, Section 1.
- 1.19 “Medical Inmate” means an Inmate clinically determined by the Seattle-King County Department of Public Health, or its successor charged with the same duties, as needing the level of services provided in the Jail’s infirmary. If an Inmate is moved to the general population then the Inmate is no longer considered a Medical Inmate.
- 1.20 “Notification” means provision of written alert, confirmation of information or request meeting the requirements of Section 11.11. In contrast, a “notice” means providing alert or confirmation of information or request in writing to the individuals identified in Section 11.11, or their designee (as may be specified through a formal Notification) through means less formal than required by Section 11.11, including but not limited to electronic mail or facsimile.
- 1.21 "Official Daily Population Count" is an official count of Inmates in the custody of the Jail made at a point in time in a 24-hour period for, among other purposes, security and population management. It is not used for billing purposes.
- 1.22 “Offsite Medical Care Charges” means those pass-through charges for treatment of a City Inmate where that Inmate is clinically determined by the Seattle-King County Department of Public Health, or its successor charged with the same duties, as needing services provided from offsite medical institutions, as further defined in Exhibit III Section 4. An Inmate may receive Offsite Medical Care that triggers an Offsite Medical Care Charge without being otherwise classified as a Medical Inmate or Psychiatric Inmate (e.g., some Inmates held in the general population receive offsite medical care that will result in Offsite Medical Care Charges being incurred).
- 1.23 “Psychiatric Inmate” means either an Acute Psychiatric Inmate or a Non-Acute Psychiatric Inmate, as defined below.
- 1.23.1 A “Non-Acute Psychiatric Inmate” is an Inmate clinically determined by the Seattle-King County Department of Public Health, or its successor charged with the same duties, as needing Psychiatric Care Services (as further described in Exhibit III and Attachment III-1) and housed outside the Jail’s acute psychiatric housing units.
- 1.23.2 An “Acute Psychiatric Inmate” is an inmate clinically determined by the Seattle-King County Department of Public Health, or its successor charged with the same duties,

as needing the level of services provided in the Jail's acute psychiatric housing units (as further described in Exhibit III and Attachment III-1). If an Inmate is moved to housing outside the Jail's acute psychiatric housing units then the Inmate is no longer considered an Acute Psychiatric Inmate.

- 1.24 "Parties" mean the City and County, as parties to this Agreement.
- 1.25 "Secure Bed Cap for Contract Cities" means the maximum total number of beds in Secure Detention in the Jail available on a daily basis to house Contract Cities Inmates in the aggregate. The Secure Bed Cap for Contract Cities is based on the Official Daily Population Count, and is established in Section 6.
- 1.26 "Secure Detention" refers to a facility structured and operated for the full confinement of City Detainees to ensure such individuals remain on the premises 24-hours a day (excluding time for court appearances, court approved off-premises trips, or medical treatment), such as the Jail but also including other similar facilities that the City may elect to house City Detainees. Secure Detention excludes City Inmates enrolled in Community Corrections Programs.
- 1.27 "Surcharge" means any of the following special charges, defined in Exhibit III, Section 3 and further described in Attachment III-1: Infirmity Care Surcharge; Non-Acute Psychiatric Care Surcharge; Acute Psychiatric Care Surcharge; and 1:1 Guarding Surcharge.
- 1.28 "2012-2030 Agreement" means the agreement executed by the County and the City of Seattle effective on January 1, 2012 together with any other interlocal agreement in substantially the same form of said agreement executed by the County and another city.
- 1.29 "Base Year" refers to the year in which the base fees, charges and surcharges are set.
2. Term. This Agreement shall commence on the Effective Date and shall extend through December 31, 2022. This Agreement shall supersede all previous contracts and agreements between the Parties relating to the Jail and any other jail services, except that any obligations contained in these previous contracts or agreements which expressly survived termination or expiration of these previous contracts or agreements shall remain in effect.
3. Jail and Health Services. The County shall accept City Inmates for confinement in the Jail, except as provided in Sections 5.4, and 6 of this Agreement. The County shall also furnish the City with Jail facilities; booking; transportation among facilities, as determined necessary in the County's sole discretion, including the various Jail facilities, Harborview Medical Center and Western State Hospital; custodial services; and personnel for the confinement of City Inmates at least equal to those the County provides for confinement of County Inmates. However, the County reserves the right to operate specific programs and/or facilities exclusively for County Inmates or persons sentenced or assigned to Community Corrections Programs. The County shall furnish to City Inmates in Secure Detention all medical, dental and other health care services required to be provided pursuant to federal or state law. Also, the County shall make every reasonable effort to release a City Inmate as expeditiously as possible after the County has received notice of a court order to release. Nothing in this section shall be deemed to limit the County's right to refuse to accept City Detainees for confinement in Jail when they are deemed by the County to be in need of urgent medical or psychological care, nor to return custody of such inmates back to the City if the City Detainee is admitted to the hospital or psychiatric facility.

4. City Compensation. The City will pay the County a Booking Fee, Maintenance Charge, Surcharges, and Offsite Medical Charges as follows (together with such other charges as may be applicable in accordance with this Agreement):
 - 4.1 Booking Fee. The Booking Fee shall be assessed for the booking of City Inmates by or on behalf of the City into the Jail as further described in Exhibit III, Section 2. The Booking Fee will be inflated effective January 1, 2022.
 - 4.2 Maintenance Charge. The Maintenance Charge shall be assessed for a City Inmate for each Inmate Day as provided in Exhibit III, Subsection 1. The Maintenance Charge will be inflated effective January 1, 2022.
 - 4.2.1 The County will provide notice to the City after booking a City Inmate in order to give notice that the City Inmate has been booked and to provide the opportunity for release to the City if the City so desires. Such action will take place as soon as reasonably possible but no later than the next business day after booking. A City Inmate released within six hours of booking will result in no Maintenance Charges.
 - 4.2.2 The County will provide notice to the City of the billing status of its Inmates for the prior calendar day in cases where confinement is the result of multiple warrants or sentences from two or more jurisdictions. As of the date of this Agreement, this notice is provided to the City once each business day when applicable. The intent of this program is to allow the City to take custody of a City Inmate if they so desire after the other jurisdictional warrants are resolved and thereby prevent unnecessary Maintenance Charges.
 - 4.2.3 The Parties may amend the notice requirements of Sections 4.2.1 and 4.2.2 by administrative agreement signed by both the Chief Executive Officer of the City and the King County Executive.
- 4.3 Access to and Charges for City Inmate Use of Community Corrections Programs. The Parties agree to discuss in good faith the ability for the City to access Community Corrections Programs, and to negotiate charges for such access. Any agreement between the Parties with respect to access and charges for Community Corrections Programs shall be enacted through an amendment to this Agreement.
- 4.4 Surcharges and Offsite Medical Charges. In addition to the Booking Fee, Maintenance Charge, and any other charges agreed to per Section 4.3, the City will be charged for Offsite Medical Charges and Surcharges as detailed in Exhibit III, Section 3 and 4.
 - 4.4.1 Proposed Notice of Certain Surcharges. The County intends to provide or make available to the City timely notice of occurrences when a City Inmate is transported to Harborview Medical Center or other offsite medical institution, or is receiving infirmary care or psychiatric care that will subject a City to Surcharges. Notice provided or made available will be based on information known to DAJD at the time (since billing status of an Inmate may be changed retroactively based on new information or other factors). The County intends to provide or make available this notice within two (2) business days following the day in which the chargeable event occurs and will make good faith efforts to provide notice sooner if practicable. The County will make good faith efforts to try to institute a means to

provide notice to the City within twenty-four (24) hours of the admittance of a City Inmate to Harborview Medical Center or other offsite medical institution. The County's failure to provide or make available notice or develop quicker means to provide notice to the City as detailed above shall not excuse the City from financial responsibility for related Offsite Medical Charges or Surcharges, and shall not be a basis for imposing financial responsibility for related Offsite Medical Charges or Surcharges on the County.

5. Billing and Billing Dispute Resolution Procedures.

5.1 The County shall transmit billings to the City monthly. Within forty-five (45) days after receipt, the City shall pay the full amount billed or withhold a portion thereof and provide the County written notice meeting the requirements of Section 5.2.1, specifying the total amount withheld and the grounds for withholding such amount, together with payment of the remainder of the amount billed (if any amount remains). Notwithstanding the foregoing, the County shall bill the City for Offsite Medical Charges as such charges are periodically received by the County from third party medical institutions or other offsite medical providers. Offsite Medical Charges shall be due within such time and subject to such withholding and dispute resolution procedures as otherwise provided in this Section 5.

5.2 Withholding of any amount billed or alleging a violation related to billing provisions of this Agreement shall constitute a dispute, which shall be resolved as follows:

5.2.1 The County shall respond in writing to billing disputes within sixty (60) days of receipt of such disputes by the DAJD billing offices. To ensure the soonest start to the sixty (60)-day timeline, the City should electronically mail scanned billing disputes directly to the DAJD billing office, or by fax, or U.S. mail rather than to any other County office or officer. The DAJD billing office contact information as of the date of this Amendment is:

KC DAJD
DAJD-AP@kingcounty.gov
Attn: Finance – Inmate Billing
500 Fifth Avenue
Seattle, WA 98104 FAX Number: 206-296-3435

5.2.2 In the event the parties are unable to resolve the dispute, either Party may pursue the dispute resolution mechanisms outlined in Section 9.

5.3 Any amount withheld from a billing, which is determined to be owed to the County pursuant to the dispute resolution procedure described herein, shall be paid by the City within thirty (30) days of the date of the resolution.

5.4 If the City fails to pay a billing within forty-five (45) days of receipt, the County will provide the City with a notice of its failure to pay and the City shall have ten (10) days from receipt of such notice to cure nonpayment. Any undisputed billing amount not paid by the City within sixty (60) days of receipt of the billing, and any amounts found to be owing to the County as a result of the billing dispute resolution procedure that are not paid within thirty (30) days of resolution, shall be conclusively established as a lawful debt owed to the County by the City, shall be binding on the Parties, and shall not be subject to

legal question either directly or collaterally. In the event the City fails to cure its nonpayment, the City shall be deemed to have voluntarily waived its right to house City Inmates in the Jail and, at the County's request, will remove City Inmates already housed in the Jail within thirty (30) days. Thereafter, the County, at its sole discretion, may accept no further City Inmates until all outstanding bills are paid. This provision shall not limit the City's ability to challenge or dispute any billings that have been paid by the City.

- 5.5 The County may charge an interest rate equal to the interest rate on the monthly County investment earnings on any undisputed billing amount not paid by the City within forty-five (45) days of receipt of the billing, and any amounts found to be owing to the County as a result of the billing dispute resolution procedure. Interest on amounts owed begin accruing on the forty-sixth (46) day after payment was due.
- 5.6 Each Party may examine the other's financial records to verify charges. If an examination reveals an improper charge, the next billing statement will be adjusted appropriately. Disputes on matters related to this Agreement which are revealed by an audit shall be resolved pursuant to Section 5.2.

6. Jail Capacity.

- 6.1 The Contract Cities may house Contract Cities Inmates in the Jail at an aggregate number, calculated based on the Jail's Official Daily Population Count, equal to or less than the Secure Bed Cap for Contract Cities established in Sections 6.1.1.
 - 6.1.1 Through December 31, 2022, the Secure Bed Cap for Contract Cities in the aggregate is fifty (50) beds. These fifty (50) beds shall be available on a first-come, first-served basis measured at the time of the Jail's Official Daily Population Count.
- 6.2 In the event the number of Contract Cities Inmates exceeds the Secure Bed Cap for Contract Cities described in Section 6.1, the County will notify the Contract Cities by phone or electronic mail. The County may then decide to continue to house Contract Cities Inmates in excess of the Secure Bed Cap for Contract Cities. Alternatively, the County may refuse to accept bookings from the City until such time as the aggregate number of Contract Cities Inmates is reduced below the Secure Bed Cap for Contract Cities. If the aggregate number of Contract Cities Inmates is reduced below the Secure Bed Cap for Contract Cities through removal of Contract Cities Inmates from the Jail, then the County will be obligated to accept new City bookings. The notice required by the first sentence of this Section 6.2, will be made to the person designated in Section 11.11 of this Agreement, and will inform the City whether the County intends to continue to house Contract Cities Inmates in excess of the Secure Bed Cap for Contract Cities described in Section 6.1, or whether the County will refuse to accept bookings from the City until such time as the aggregate number of Contract Cities Inmates is reduced below the Secure Bed Cap for Contract Cities described in Section 6.1.
- 6.3 At the end of the last day of this Agreement, the Contract City agrees to reduce the number of Contract City Inmates in the Jail to zero (0), with the exception that Inmates whose status has changed to Contract City Inmate, will not be included in the calculation of the number of Contract City Inmates, if such individuals are removed from the Jail within seventy-two (72) hours of such change in status.

For the purpose of determining the number of Contract Cities Inmates only, and not for billing purposes, Inmates held on multiple warrants or sentences by the County which include one or more city warrants or sentences in addition to a County and/or state warrant or sentence, and Contract Cities Inmates that have been booked into the Jail and the Contract City has not been notified of such booking shall not be considered a Contract Cities Inmate . Also, Contract Cities Inmates housed in the Jail will not be considered Contract Cities Inmates for the purpose of determining the number of City Inmates.

- 6.4 The Jail's capacity limit for Contract City Medical Inmates is thirty (30). The Jail's capacity limit for Contract City Psychiatric Inmates is one-hundred-fifty-one (151). For the purpose of this Section the Medical and Psychiatric Inmate population will be determined following the definitions in Sections 1.21 and 1.25 at the time of the Jail's Official Daily Population Count.
- 6.5 When the Jail has reached its capacity limit for either Medical or Psychiatric Inmates as set forth in Section 6.4, the County will provide notice to the City by phone or electronic mail. Such notification will be made to the person designated in Section 11.11 of this Agreement. At the time this notification is made the County may request that the City take custody of a sufficient number of its Medical or Psychiatric Inmates to reduce the number of Medical or Psychiatric Inmates to the capacity limits detailed in Section 6.4, or the County may inform the City that the County is willing to continue to house these Inmates.
- 6.6 County requests under Section 6.5 will be made as follows. The billable city (under this Agreement or other jail service agreements between the County and cities that have identical provisions as this Section) with the Inmate most recently admitted as Medical or Psychiatric Inmate will be asked to take custody of that inmate. This process will be repeated until such time as the Medical and Psychiatric populations are reduced below capacity limits, or the Jail is willing to house these Inmates.
- 6.7 If the County, pursuant to Sections 6.5 and 6.6, requests that the City take custody of Medical or Psychiatric Inmates, the City shall comply with the County's request. The City shall take custody of its¹ Medical or Psychiatric Inmates by picking them up no later than twenty-four (24) hours after the County's request. If the City has not picked-up the Medical or Psychiatric Inmate within twenty-four (24) hours of the County's request, the County shall deliver the Medical or Psychiatric Inmate to the City's designated drop-off location or backup location. In either case, the City's designee must accept the Medical or Psychiatric Inmate from the County, and must be available to do so seven (7) days a week, twenty-four (24) hours a day. In all cases, the County shall provide the receiving entity with Continuity of Care Records, in a sealed envelope, at the time custody is transferred. The City will ensure that the City and the receiving entity comply with all applicable confidentiality laws and rules. Similarly, the City will ensure that Continuity of Care

¹ Within eight (8)-hours of the County's request, the City may provide the County with the names of other Medical Inmates to substitute for the Medical Inmates identified for pick-up by the County. In the event the City identifies substitute Medical Inmates that are City Inmates, the provisions of Section 6 will continue to apply. In the event the City identifies substitute Medical Inmates that are the responsibility of a different city (Substitute City) that is party to this Agreement or a jail services agreement with the King County containing these same provisions, the Substitute City will be responsible for picking-up the substitute Medical Inmates within 24-hours of the initial request for pick-up. In the event the Substitute City fails to pick-up its Medical Inmates within 24-hours of initial notification to the City, the County may deliver the Medical Inmates named in the original notification to the City's designated drop-off location or backup location. The procedures outlined in this footnote will also apply to Psychiatric Inmates.

Records are provided to the County at the time custody of a City Inmate receiving the level of care consistent with a Medical or Psychiatric Inmate is transferred to the County.

- 6.8 If the County, in its sole discretion, decides to transport Medical or Psychiatric Inmates to the City's designated drop-off location or backup location within King County, Washington, the County will do so without charge. Should the County agree to a drop-off location or backup location outside of King County, Washington, the City will pay all transportation costs for Medical or Psychiatric Inmates taken to the designated drop off location or backup location. In no case will the County be obligated to transport a Medical or Psychiatric Inmate out-of-state.

7. Jail Planning.

- 7.1 Jail Planning. The County and the City recognize the value of sharing information about their respective inmate populations and anticipated use of Secure Detention and alternative means of detention. The Parties agree to make good-faith efforts to share this information regularly. Furthermore, should the County begin planning for potential changes in jail space or models, the County will make good-faith efforts to provide notice to the City that such planning is underway, so that the City has an opportunity to participate in planning efforts.

8. Indemnification.

- 8.1 The County shall indemnify and hold harmless the City and its officers, agents, and employees, or any of them, from any and all claims, actions, suits, liability, loss, costs, expenses, and damages of any nature whatsoever, by reason of or arising out of any negligent action or omission of the County, its officers, agents, and employees, or any of them. In the event that any suit based upon such a claim, action, loss, or damage is brought against the City, the County shall defend the same at its sole cost and expense; provided, that, the City retains the right to participate in said suit if any principle of governmental or public law is involved; and if final judgment be rendered against the City and its officers, agents, and employees, or any of them, or jointly against the City and the County and their respective officers, agents, and employees, or any of them, the County shall satisfy the same.
- 8.2 The City shall indemnify and hold harmless the County and its officers, agents, and employees, or any of them, from any and all claims, actions, suits, liability, loss, costs, expenses, and damages of any nature whatsoever, by reason of or arising out of any negligent act or omission of the City, its officers, agents, and employees, or any of them. In the event that any suit based upon such a claim, action, loss, or damage is brought against the County, the City shall defend the same at its sole cost and expense; provided that the County retains the right to participate in said suit if any principle of governmental or public laws is involved; and if final judgment be rendered against the County, and its officers, agents, and employees, or any of them, or jointly against the County and the City and their respective officers, agents, and employees, or any of them, the City shall satisfy the same.
- 8.3 In executing this agreement, the County does not assume liability or responsibility for or in any way release the City from any liability or responsibility, which arises in whole or in part from the existence or effect of City ordinances, rules, or regulations. If any cause, claim, suit, action or administrative proceeding is commenced in which the enforceability and/or validity of any such City ordinance, rule or regulation is at issue, the City shall

defend the same at its sole expense and if judgment is entered or damages are awarded against the City, the County, or both, the City shall satisfy the same, including all chargeable costs and attorney's fees.

8.4 The terms of this Section 8 "Indemnification" shall survive the termination or expiration of this Agreement.

9. Dispute Resolution. In the event the Parties are unable to resolve a dispute, then either Party may pursue the dispute resolution provisions of this Section 9.

9.1. Either Party may give Notification to the other in writing of a dispute involving the interpretation or execution of the Agreement. Within thirty (30) days of this Notification, the King County Executive and the Chief Executive Officer of the City, or their designees, shall meet to resolve the dispute. If the dispute is not resolved, then at the request of either Party it shall be referred to non-binding mediation. The mediator will be selected in the following manner: The City shall propose a mediator and the County shall propose a mediator; in the event the mediators are not the same person, the two proposed mediators shall select a third mediator who shall mediate the dispute. Alternately, the Parties may agree to select a mediator through a mediation service mutually acceptable to both Parties. The Parties shall share equally in the costs charged by the mediator or mediation service.

9.2. Each party reserves the right to litigate any disputed issue in court, *de novo*.

10. Termination. Either Party may initiate a process to terminate this Agreement as follows:

10.1. Ten (10)-Day Notification of Intent to Terminate. Any Party wishing to terminate this Agreement shall issue a written Notification of intent to terminate, not less than ten (10) days prior to issuing a ninety (90) day termination Notification under Section 10.2 of this Agreement. Upon receipt of the written Notification of intent to terminate, the parties will meet to confer on whether there are steps that the non-terminating party can take in order to avoid a ninety (90) day termination Notification notice under Section 10.2 of this Agreement.

10.2. Ninety (90)-Day Termination Notification. After the ten (10) day period has run under Section 10.1 of this Agreement, the party desiring to terminate this Agreement may provide the other party ninety (90) days written termination Notification, as provided in RCW 70.48.090.

11. General Provisions.

11.1. Other Facilities. This Agreement reserves in each party the power to establish a temporary holding facility during a pandemic, riot, civil disobedience or natural disaster, to establish group homes or other care or rehabilitation facilities in furtherance of a social service program, to temporarily transfer Inmates to alternative detention facilities in order to respond to Jail overcrowding, a public health directive, or to comply with a final order of a federal court or a state court of record for the care and treatment of Inmates.

11.2. Grants. Both Parties shall cooperate and assist each other toward procuring grants or financial assistance from the United States, the State of Washington, and private benefactors for the Jail, the care and rehabilitation of Inmates, and the reduction of costs of operating and maintaining Jail facilities.

- 11.3. Law Enforcement Intake Portal. The County will offer the use of a web-based Subject Intake Portal when its Jail Management System goes live in 2021. The tool will allow law enforcement officers to log onto the system and enter all arrest, case/charge, victim, probable cause, and drug crime certificate information. This method is the County's preferred method of intake and booking. Cities that take advantage of this intake method will be able to print out or receive an electronic version of the intake information, including the ability to integrate with the JMS via web services or API integration if desired.
- 11.4. Severability. If any provision of this Agreement shall be held invalid, the remainder of this Agreement shall not be affected thereby.
- 11.5. Remedies. No waiver of any right under this Agreement shall be effective unless made in writing by the authorized representative of the party to be bound thereby. Failure to insist upon full performance on any one or several occasions does not constitute consent to or waiver of any later non-performance nor does payment of a billing or continued performance after Notification of a deficiency in performance constitute an acquiescence thereto. The Parties are entitled to all remedies in law or equity.
- 11.6. Exhibits. This Agreement consists of several pages plus the following attached exhibits, which are incorporated herein by reference as fully set forth:
- | | |
|-------------|--|
| Exhibit I | Method of Determining Billable Charge and Agency |
| Exhibit II | Exception to Billing Procedure |
| Exhibit III | Calculation of Fees, Charges and Surcharges |
- 11.7. Not Binding on Future Agreements. This Agreement does not bind the Parties as to the terms, fees, or rate formulas to be included in any future jail services agreements.
- 11.8. Entire Agreement. This Agreement, including all exhibits and attachments hereto, represents the entire understanding of the Parties and supersedes any oral representations that are inconsistent with or modify its terms and conditions.
- 11.9. Modifications. The provisions of this Agreement may only be modified and amended with the mutual written consent of the King County Executive and the Chief Executive Officer of the City and the approval of their respective legislative bodies, excepting that certain modifications to the notice requirements in Sections 4.2.2, 4.2.3 and Attachment I-2 may be approved administratively by signature of both the Chief Executive Officer of the City and King County Executive as specified herein.
- 11.10. Force Majeure. In the event either party's performance of any of the provisions of this Agreement become impossible due to Force Majeure, that party will be excused from performing such obligations until such time as the Force Majeure event has ended and all facilities and operations have been repaired and/or restored.
- 11.11. Notifications. Except as otherwise provided in this Agreement, any Notification required to be provided under the terms of this Agreement, shall be delivered by certified mail, return receipt requested or by personal service to the following person:

For the City of Redmond:

Captain Tim Gately

PO Box 97010

Redmond, WA 98073

Or their successor, as may be designated by written Notification from the City to the County.

For the County:

Chief of Administration
Dept. of Adult and Juvenile Detention
500 Fifth Avenue
Seattle, WA 98104

Or his/her successor, as may be designated by written Notification from the County to the City.

- 11.12. Council Approval. The Parties' obligations under this Agreement are subject to official City and County Council approval.
- 11.13. Filing. As provided by RCW 39.34.040, this Agreement shall be filed with the King County Department of Records and Elections.
- 11.14. Assignment/Subcontracting. The City may not assign or subcontract any portion of this Agreement or transfer or assign any claim arising pursuant to this Agreement.
- 11.15. No-Third Party Beneficiaries. Except as expressly provided herein, there are no third-party beneficiaries to this Agreement. No person or entity other than a party to this Agreement shall have any rights hereunder or any authority to enforce its provisions, and any such rights or enforcement must be consistent with and subject to the terms of this Agreement.
- 11.16. Execution in Counterparts. This Agreement and any amendments thereto, shall be executed on behalf of each party by its duly authorized representative and pursuant to an appropriate motion, resolution or ordinance. The Agreement may be executed in any number of counterparts, each of which shall be an original, but those counterparts will constitute one and the same instrument.

King County

The City of Redmond

King County Executive

Title of City Official

Date

Date

Approved as to Form:

Approved as to Form:

King County
Deputy Prosecuting Attorney

Title of City Official

Date

Date

EXHIBIT I
Method of Determining Billable Charge and Agency

Process Overview

The application of all billing rules in conjunction with Section 1.6 of this Agreement comprises the method for determining the principal basis for booking or confining a person. The County’s billing system examines all open and active charges and holds for each calendar day and applies the billing priority rules and tie breaker rules as set forth below. Then the billable agency is determined from the billable charge(s) or hold(s) and the application of exception rules, for example, the special DUI sentencing rule or the special six-hour rule.

Billing Priority Rules

The Billing Priority Group is determined in the following order:

1. Local felony charge(s)	A local felony charge is filed by the King County Prosecuting Attorney into a King County court.
2. Investigation holds from King County agencies or pursuant to a contract	An investigation hold is one that has been referred to the King County Prosecutor and includes King County investigation holds.
3. Department of Corrections (DOC) charge(s) pursuant to contract with DOC	Felony and misdemeanor charges adjudicated by DOC hearing examiner. Cases heard by a local court are considered local misdemeanors even if DOC is the originating agency.
4. Local misdemeanor charge(s) and city court appearance orders	Includes King County misdemeanors.
5. Other holds (contract and non-contract)	

Tie Breaker Rules

Tie breaker rules are applied in the following order to the Local Misdemeanor Priority Group (Number 4 above) when there are charges with multiple billable agencies. The first rule that applies determines the billable charge(s). The billable agency for the selected charge(s) is the billable agency.

1. Longest or only sentenced charge rule	This rule selects the charge(s) with an active sentenced charge or, if there is more than one active sentenced charge, the rule selects the charge with the longest imposed sentence length.
2. Earliest sentence rule	This rule selects the charge(s) with the earliest sentence start date.
3. Lowest sentence charge number rule	This rule selects the sentenced charge(s) with the lowest charge number as given in the DAJD booking system.
4. Arresting agency rule	This rule selects the charge(s) or hold(s) with a charge billable agency that matches the arresting agency for the booking.
5. Accumulated bail rule	This rule selects the agency with the highest total bail summed for all of the charge(s) and hold(s) for which the agency is the billable agency.
6. Lowest charge number rule	This rule selects the charge or hold with the lowest charge number as given in the DAJD booking system.

Attachment I-1: City and County Jail Charges Clarification

This document contains several examples consistent with Section 1.6 of this Agreement.

#	Situation	Jail Costs associated with these cases are:
1	Inmate booked by a city on a felony investigation, whose case is filed by the Prosecutor initially as a felony in Superior Court but subsequently amended to a misdemeanor charge (for evidentiary reasons, or entry into mental health court, or for other reasons)	County responsibility
2	Inmate booked by a city on a felony investigation and whose case is initially filed by the Prosecutor as a felony in District Court as part of a plea bargain effort (so called “expedited cases”)	County responsibility (including the expedited cases to be filed under the new Prosecutor Filing Standards).
3	Inmate booked by a city on a felony investigation whose case is initially filed by the County Prosecutor as a misdemeanor in district court (i.e., mental health, domestic violence <u>or</u> in regular district court)	County responsibility
4	Inmate booked by a city on a felony investigation. The County prosecutor declines to file the case and refers it to a city prosecutor or law enforcement for any further action.	County responsibility prior to release of felony investigation by County prosecutor; City responsibility from and after release of felony investigation
5	Misdemeanor or felony cases originated by state agencies (i.e., WSP)	County responsibility
6	Inmates booked by a city on a juvenile charge who are held in adult detention or become adults during the pendency of their charge or sentence.	County responsibility

Attachment I-2

Inmate Transfers: Transfer Request Exemption Criteria, Notice and Billing (Relating to Section 1.6.9)

- A. In the event of one or more of the following transfer exception criteria are met, a transfer may be denied by the County, in which case the person for whom the City has sought a transfer remains a City Inmate:
- (1) Inmate has medical/health conditions/ treatments preventing transfer.
 - (2) Transfer location refuses Inmate.
 - (3) Inmate refuses to be transported and poses a security risk.
 - (4) Inmate misses transport due to being at court or other location.
 - (5) City refuses to sign transfer paperwork requiring the City to arrange transportation for Inmate back to King County, if needed, when City sentence ends.
- B. If the County has refused a transfer request and thereafter determines that it no longer needs to detain the person and the person would as a result become a City Inmate, then the County will provide notice to the City that it will become billable for the Inmate. The City will not incur a Maintenance Charge on the day of notice. If the City transfers the Inmate during the six calendar days immediately following the day of notice, it will not incur a Maintenance Charge for the first calendar day following notice, but will incur a Maintenance Charge for each subsequent calendar day until the Inmate is transferred. If the City does not transfer the Inmate from the Jail during this six-day period, the City is billable beginning the calendar day following the day of notice from the County.
- C. The terms of this Attachment I-2 may be amended by administrative agreement evidenced by execution in writing by the Chief Executive Officer of the City and King County Executive.

EXHIBIT II
Exception to Billing Procedure

For persons serving the one- and two-day commitments pursuant to the mandatory DUI sentence grid who report directly from the community to the Jail for incarceration, Inmate day shall not be defined according to Section 1.16 of the Agreement. Instead, Inmate day shall be defined as a twenty-four-hour period beginning at the time of booking. Any portion of a twenty-four-hour period shall be counted as a full Inmate day. The number of days billed for each sentence shall not exceed the sentence lengths specified on the court commitment.

Two examples are provided for illustration:

Two-day sentence served on consecutive days:

John Doe	Booked 7/1/21 0700	Released 7/3/21 0700
	Number of Inmate days = 2	

Two-day sentence served on non-consecutive days:

John Doe	Booked 7/1/21 0700	Temporary Release 7/2/21 0700
	Return to Jail 7/8/21 0700 Number of Inmate days = 2	Released 7/9/21 0700

The Department of Adult and Juvenile Detention will apply this definition of Inmate day to the City's direct DUI one and two-day Inmates by adjusting the City's monthly bill before it is sent to the City. If the changes are not made for some reason, the City will notify the Department of Adult and Juvenile Detention, which will make the necessary adjustments.

EXHIBIT III
Calculation of Fees, Charges and Surcharges

Starting on the Effective Date of this Agreement, the City shall pay the fees, charges, and surcharges with such annual adjustments for inflation as described below. Starting on the Effective Date of this Agreement, the City shall also pay offsite medical care charges as detailed below

2021 is the Base Year for fees, charges, and surcharges and is the basis from which the fees, charges, and surcharges are to be annually adjusted by applying the inflators set forth in Subsection 5.a. of this Exhibit III.

1. MAINTENANCE CHARGE AND CAPITAL EXPENDITURE CHARGE

The Maintenance Charge shall be calculated as described below.

- a. The **Maintenance Charge** starting **January 1, 2021**, and for the remainder of the calendar year 2021, **excluding** any adjustments for Capital Expenditure Charges, will be **\$204.30**. When combined with the Capital Expenditure Charges, the Maintenance Charge for calendar year 2021 is **\$210.19**. The Maintenance Charge shall be inflated in 2022 as described in Section 5. The City will not be charged a Maintenance Charge for a City Inmate where the Inmate has been offsite (e.g. housed outside of the Jail) for all twenty-four (24) hours of a Surcharge Day and subject to 1:1 Guarding Surcharge for the entirety of such twenty-four (24)-hour period.
- b. In addition to the annual adjustment to the Maintenance Charge described above, King County will increase the Maintenance Charge to capture the cost of **Capital Expenditures**. Capital Expenditures are defined as the cost of repairing and renovating current jail capacity and facilities and support and administrative facilities that benefit Jail operations. Additional Capital Expenditures will be included in the Maintenance Charge if such expenditures benefit City Inmates. Any Capital Expenditure that solely benefits County Inmates will not be charged to the City. Capital Expenditures do not include Jail Bed Expansion Projects. Capital Expenditures do not include Major Maintenance.
 - i. Capital Expenditures will be calculated in proportion to the square footage that benefits adult detention. Cities will be billed their proportionate share based on the total number of Inmate Days (as defined in Section 1.16). By August 15 of 2021, DAJD will estimate the total number of Inmate Days for 2022, and provide notice to the City of the Capital Expenditure Charge to be included in the Maintenance Charge for 2022.
 - ii. Upon request of the City, the County shall provide its six (6)-year CIP and its six (6)-year major maintenance plan to the City. The County will provide a detailed line item budget of each Capital Expenditure. If the City disputes that the Capital Expenditure benefits City Inmates or otherwise disputes the inclusion of the Capital Expenditure or any portion of the Capital Expenditures' budget in the maintenance fee, the matter will be resolved under the dispute resolution processes described herein. Capital Expenditures will not be charged to the City to the extent such Capital Expenditures are covered by federal grants, state grants, insurance proceeds, capital maintenance reserves or voter approved capital funding for jail related improvements.
 - iii. Capital Expenditures, if debt financed, shall begin being charged when debt service payments begin for the permanent financing of the Capital Expenditure and shall

continue until the end of the debt amortization unless the debt amortization is less than fifteen (15) years, in which case the charges to the City will be amortized over fifteen (15) years. If the Capital Expenditure is not debt financed, Capital Expenditure charges shall be based on actual expenditures. The County will make available documentation evidencing such expenditures.

- iv. Beginning January 1, 2021, and continuing through calendar year 2021, the Capital Expenditure Charge for ISP for the City is \$4.90 and the Capital Expenditure Charge for the CSSP is \$0.99, for a combined total Capital Expenditure Charge of \$5.89 to be added to the Maintenance Charge set forth in subparagraphs a and b above.

2. BOOKING FEE

- a. The booking fee shall be based on whether or not the City is using the County's Personal Recognizance (PR) screeners for individuals it brings to a County jail facility to be booked. The two booking fees starting January 1, 2021 and for the remainder of the calendar year 2021 will be initially set as follows:
 - i. The **Base Booking Fee** shall be **\$149.31**. This is the booking fee payable by Contract Cities that are **not** using the County's PR screeners. This Booking Fee shall include **40.86%** of the total Budgeted Jail Costs associated with booking (including Jail Health Intake Services); this percentage of booking costs to be included in the Booking Fee shall remain fixed through the term of this Agreement.
 - ii. The **Standard Booking Fee** shall be **\$219.16**. This is the booking fee payable by Contract Cities using the County's PR screeners. This booking fee is composed of the Base Booking Fee plus the fee associated with the County's PR screeners.
- b. If the City has a court order on file as of the Effective Date, confirming that the City and not the County will have authorization to provide PR screening for City Inmates, then the City will be qualified for the Base Booking Fee as of the Effective Date. To qualify for the Base Booking Fee in 2022, the City must either provide a court order not later than July 1, 2021 confirming that the City and not the County will have authorization to provide PR screening for City Inmates, or a previously issued court order must remain in effect. If an authorizing court order is revoked or expires and is not renewed, the City will no longer qualify for the Base Booking Fee.

The Booking Fee shall be inflated in 2022 as described in section 5 below.

3. SURCHARGES

In addition to payment of the Maintenance Charge and the Booking Fees, the City shall pay Surcharges associated with services provided to City Inmates as described below. The types of services provided to an Inmate associated with each Surcharge, and a general description of each Surcharge, is set forth in Attachment III-1.

The initial Surcharge amounts described in paragraphs (a) – (d) below shall apply from the January 1, 2021, through December 31, 2021, and shall be inflated for 2022 as described in Section 5 below.

- a. **Infirmary Care.** For Medical Inmates, the City shall pay an Infirmary Care Surcharge of **\$316.35** for each Surcharge Day.

- b. **Non-Acute Psychiatric Care.** For Non-Acute Psychiatric Inmates, the City shall pay a Psychiatric Care Surcharge of **\$96.99** for each Surcharge Day.
- c. **Acute Psychiatric Care.** For Acute Psychiatric Inmates, the City shall pay an Acute Psychiatric Care Surcharge of **\$254.48** for each Surcharge Day.
 - i. The **Acute Psychiatric Surcharge** for each Surcharge Day shall be **\$351.47**.
 - ii. The **Psychiatric Care Surcharge** for each Surcharge Day of **\$96.99** is added to the Acute Psychiatric Housing surcharge for a total Acute Psychiatric Care Surcharge of **\$351.47**.
- d. **1:1 Guarding Surcharge.** The 1:1 Guarding Surcharge is the charge imposed when the County dedicates an individual officer to guard a City Inmate. The Surcharge shall be **\$72.94** per guard *for each hour* or portion thereof, and as further described in Attachment III-1.
- e. A **Surcharge Day** is defined as a 24-hour period from midnight to midnight, or any portion thereof, in which an Inmate receives any of the services within the Surcharges listed in subparagraphs (a) – (c) above; *provided that* with respect to the Infirmary Care Surcharge, Psychiatric Care Surcharge and Acute Psychiatric Surcharge, a maximum of one (1) charge may be imposed within the twenty-four (24)-hour period for a single inmate, and the charge imposed shall be the highest applicable charge. For example, if an inmate is placed in Acute Psychiatric Care, released to the general population, and then again placed in Acute Psychiatric Care all within the same twenty-four (24)-hour period (midnight to midnight), a single Acute Psychiatric Care Surcharge will be imposed. Similarly, if an Inmate is placed in Acute Psychiatric Care and then in Non-Acute Psychiatric Care within the twenty-four (24)-hour midnight to midnight period, then a single Acute Psychiatric Care charge will be imposed.

4. OFFSITE MEDICAL CARE CHARGES

In addition to the Maintenance Charge, the Booking Fee, and the Surcharges detailed above, the City shall be responsible for payment of all Offsite Medical Care Charges incurred by a City Inmate.

5. INFLATORS AND RE-SETS OF FEES CHARGES, AND SURCHARGES

- a. Inflators. Effective January 1, 2022, all fees, charges, and surcharges, excluding: (1) Offsite Medical Care Charges and, (2) the Capital Expenditure Charge components of the Maintenance Charge, shall be inflated by the percentage rates described below.

Non-Medical Charges: the following fees and charges are subject to an annual inflator of the Seattle-Tacoma-Bremerton CPI-W (covering the 12-month period ending in June) plus 1.5%, but shall in no event be lower than 1.5%.:

- i. Maintenance Charge
- ii. Booking Fee
- iii. Acute Psychiatric Housing Surcharge
- iv. 1:1 Guarding

Medical Charges: The following fees and charges are subject to an annual inflator of the Seattle-Tacoma-Bremerton CPI-W (covering the twelve (12)-month period ending in June) plus three (3) percent, but shall in no event be lower than three (3) percent:

- i. Infirmatory Care Surcharge
 - ii. Psychiatric Care Surcharge
- b. Final Fee, Charge and Surcharge Notice for Following Calendar Year. No later than August 15, the County will provide notice to the City of the final fees, charges and surcharges listed in this Subsection 5.a. reflecting the application of the June-June CPI index in the manner prescribed in Subsection 5.a above.
- c. Inflation Re-sets. Notwithstanding the terms of Subsections 5.a and 5.b to the contrary, in the event the Seattle-Tacoma-Bremerton CPI-W (June-June) exceeds eight (8) percent then, as part of the August 15, final fee and charge notice, the County will include information demonstrating whether, based on factors affecting the DAJD Budgeted Jail Costs including but not limited to personnel costs, food, utilities and pharmaceuticals, the County's reasonably expected inflation experience for the DAJD Budgeted Jail Costs in the next calendar year (the "Expected Inflation Rate") is *less than or greater than* said CPI-W (June-June) rate. If the Expected Inflation Rate is lower than the CPI-W (June-June) rate, the County will apply the lower of the two rates to the fees and charges listed in this Subsection 5.c for the following calendar year.

**Attachment III-1
Summary Description of Medical Cost Model Surcharges and Pass-Through Charges**

	Surcharge	Description
1.	1:1 Guarding	Cost to guard an inmate in a 1:1 situation. Most common occurrence is at hospital or at off-site medical appointments. If more than one guard is required, then the rate would be the multiple of guards.
2.	Acute Psychiatric Care (two components) – billed by location	
	a. Psychiatric Care Surcharge	Costs for Jail Health Services (JHS) treatment team for services listed below for Psychiatric Care.
	b. Acute Psychiatric Surcharge	Costs for additional officer staffing for: 15-minute checks, assistance with feeding, emergency responses, escorts, and other necessary services to provide for an inmate who poses a potential danger to him or herself.
3.	Non-Acute Psychiatric Care (one component)	
	a. Psychiatric Care Surcharge	Costs for JHS Psychiatric treatment team for services listed below for Psychiatric Care.
4.	Infirmary Care	Costs for JHS Infirmary care, services listed on reverse.

	Pass-Through Charge	Description
5.	Off-Site Medical Charges	Costs for inmates to receive services from outside medical providers (services not available from JHS). Examples include: <ul style="list-style-type: none"> ❖ Hospital care ❖ Dialysis ❖ Cancer treatment (chemotherapy, radiation) ❖ Specialized transport to medical appointments (wheelchair bound inmates)

JHS Psychiatric Care

Services Provided:	Criteria:
<ul style="list-style-type: none"> ❖ Psychiatric Treatment & Management ❖ Psychiatric Treatment Team Monitoring ❖ Medication Administration ❖ Mental Health Crisis Counseling ❖ Psychiatric Therapy Groups 	<p><i>Inmates with severe or unstable mental health conditions are placed in psychiatric housing units and receive a level of monitoring and care based on the acuity of their mental illness. Inmates in psychiatric housing are evaluated upon admission and then re-evaluated on a regular basis by a multi-disciplinary treatment team.</i></p>

JHS Infirmery Care

Services Provided:	Criteria:
<ul style="list-style-type: none"> ❖ 24-hour Skilled Nursing Care ❖ Daily Provider Rounds ❖ Treatment and Management of Complex Disease States ❖ Medication Administration ❖ Activities of Daily Living Assistance ❖ Alcohol Detoxification 	<p><i>Inmates who meet diagnostic criteria that require 24-hour skilled nursing care are housed in the KCCF Infirmery. Examples include but are not limited to:</i></p> <ul style="list-style-type: none"> ❖ <i>Patients requiring medical detoxification/withdrawal management</i> ❖ <i>Individuals with non-stable medical conditions such as: need for kidney dialysis, wired jaws, newly started on blood thinning medication;</i> ❖ <i>Individuals who are mobility impaired and/or not independent in activities of daily living;</i> ❖ <i>Individuals requiring IV therapy or with central lines in place;</i> ❖ <i>Individuals who are acutely ill, post-surgical, who require convalescent care, and those with conditions requiring extensive treatment and frequent monitoring; and</i> ❖ <i>Individuals with severe respiratory problems requiring nebulizer treatments, oxygen and close observation.</i> <p><i>Inmates are formally admitted to infirmery care following assessment by a physician or nurse practitioner and then monitored daily by provider and nursing staff. Discharge from the infirmery occurs either at the time of release from jail or as the patient's condition improves and can be safely managed in general population housing. Some individuals remain in infirmery care for the duration of their incarceration.</i></p>



Memorandum

Date: 2/2/2021
Meeting of: City Council

File No. AM No. 21-A037 PK
Type: Consent Item

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:
Approval of the ADA Facilities Transition Plan

OVERVIEW STATEMENT:

Approve the ADA Transition Plan for City-owned and operated facilities that outlines priorities, phases and policy recommendations.

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 plan 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 in June 2020. Reviews were held by:
 - Interdepartmental team on June 4, 2020
 - An external group of stakeholders on July 22, 2020 (plus two additional meetings)
 - 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 Survey Tool (Draft posted on website)
Direct emails to interested parties
Shared with advocacy groups
- **Feedback Summary:**
Supportive of the priorities and phases as proposed, restrooms were requested to move to phase II. The draft approach is to tackle priorities at one location, so this would be addressed.

BUDGET IMPACT:

Total Cost:

A total of \$150,000 was appropriated in the 2019-20 budget to develop this transition plan. An additional \$200,000 was appropriated to begin addressing access barriers in the current 2021-22 biennium.

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:

Additional budget costs would be incurred in future biennia to correct deficiencies. Those will be brought forward in future budgets.

Funding source(s):
CIP

Budget/Funding Constraints:

N/A

Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
1/19/2021	Business Meeting	Provide Direction
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
N/A	None proposed at this time	N/A

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

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



engineering | environmental | capital planning | project management

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1. EXECUTIVE SUMMARY

1.1 The ADA

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

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

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

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

1.2 Overall Strategy

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

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

1.3 Process and Scope

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

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

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

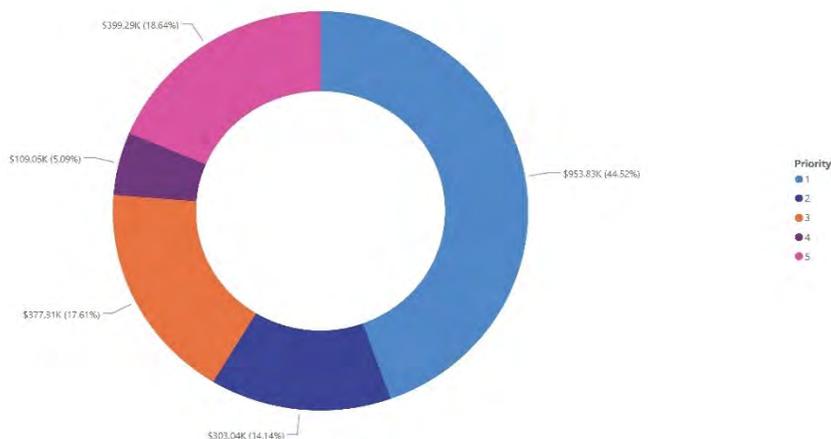
CHART 1.3- PRIORITIES BY TOTAL COST

ADA TITLE II TRANSITION PLAN

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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

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2. PURPOSE AND SCOPE

2.1 Overview of the City of Redmond

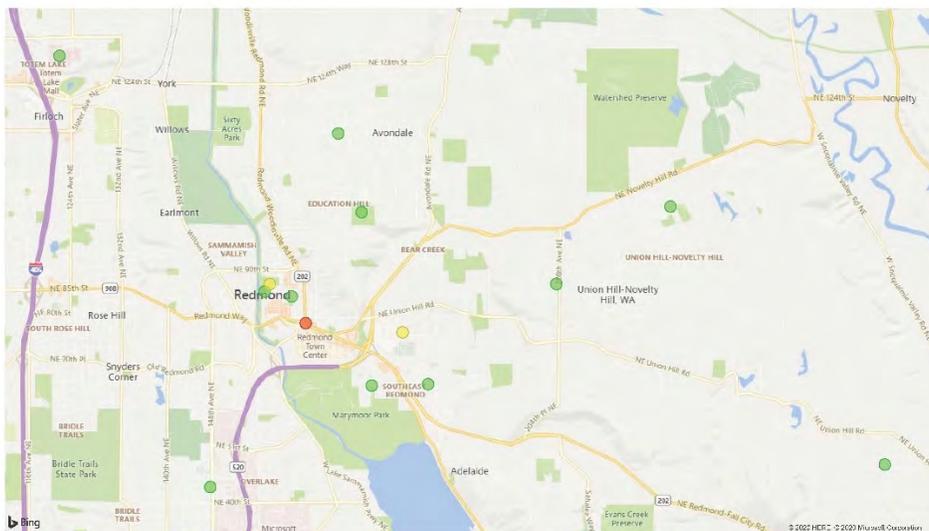
The City of Redmond provides police and fire protection services, emergency medical services, disaster preparedness, planning and zoning, street maintenance and construction, and parks and recreation, in addition to general administrative services.

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.

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.

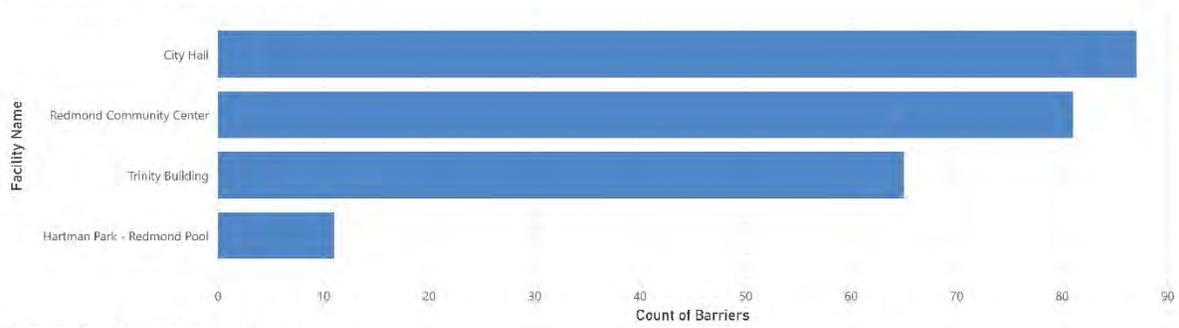
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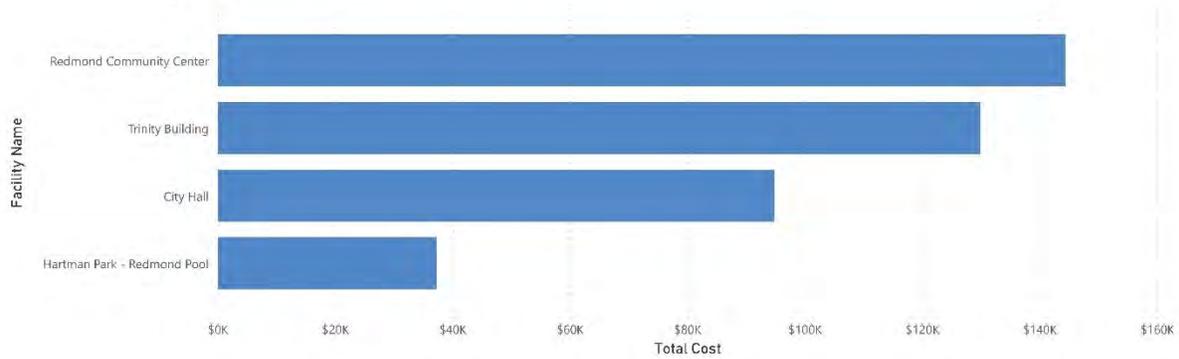
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Phase One

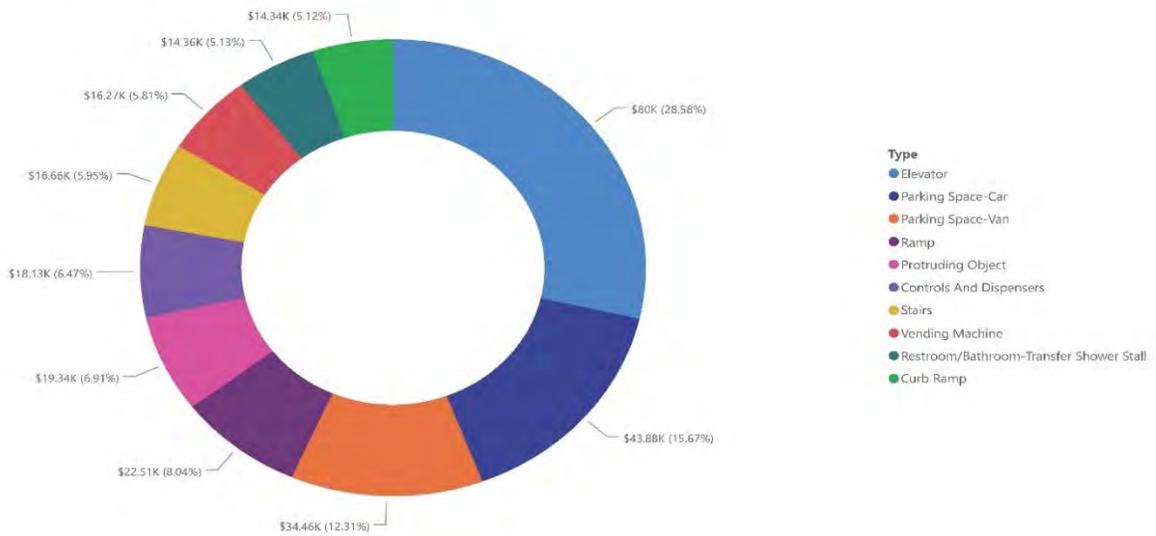
Phase 1: Number of Barriers By Facility



Phase 1: Total Cost by Facility Name



Phase 1: Total Cost by Barrier Type



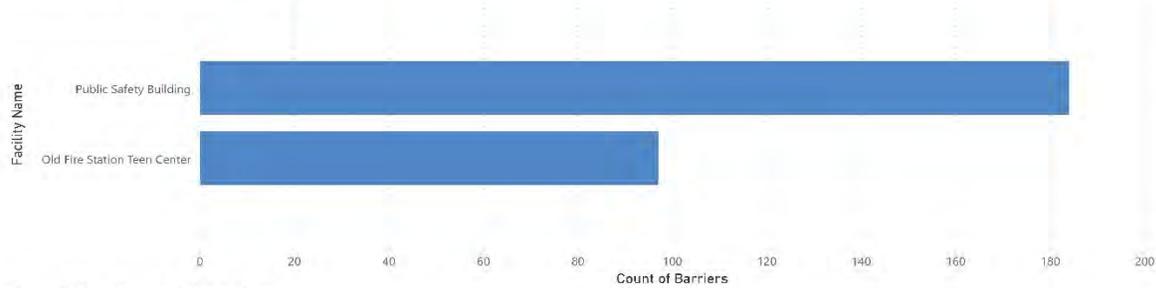
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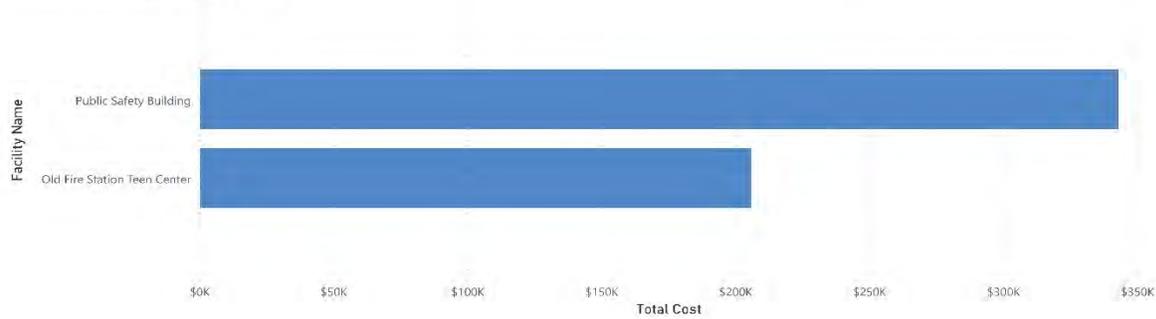
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Phase Two

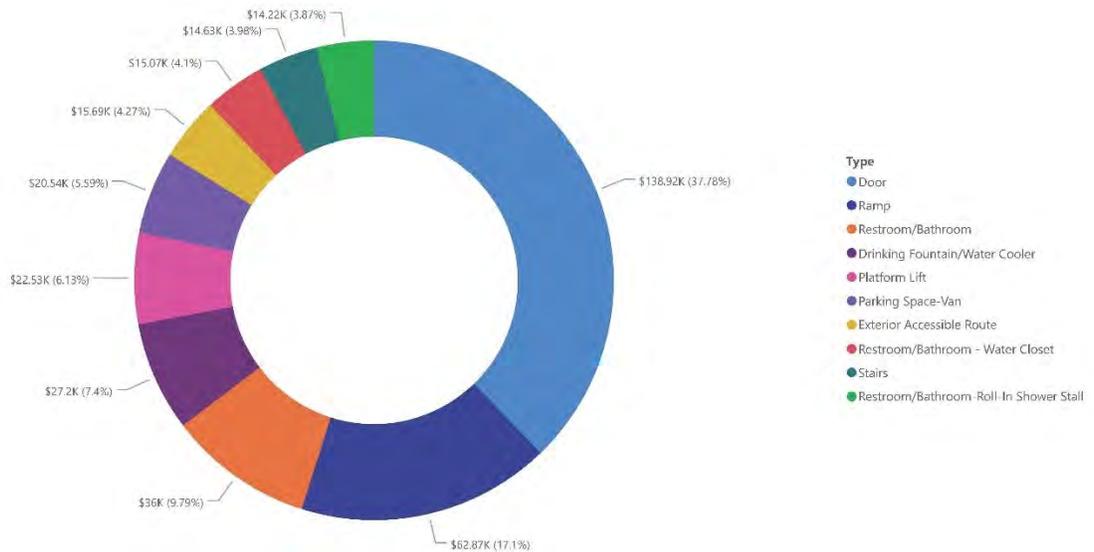
Phase 2: Number of Barriers By Facility



Phase 2: Total Cost by Facility Name



Phase 2: Total Cost by Barrier Type



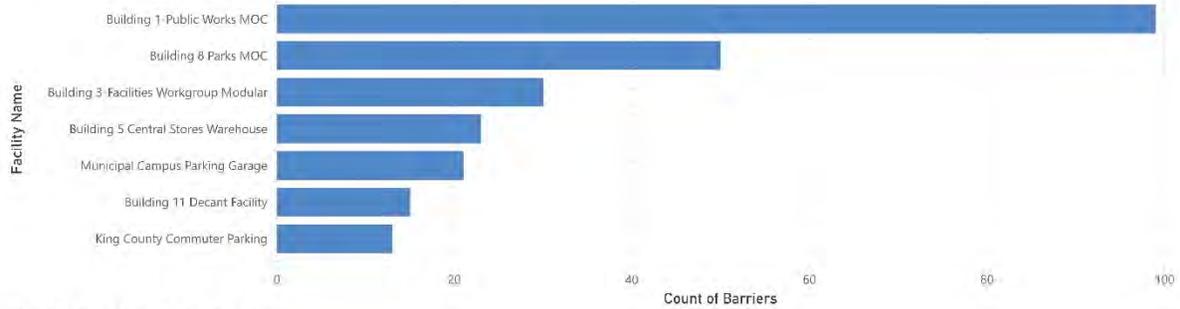
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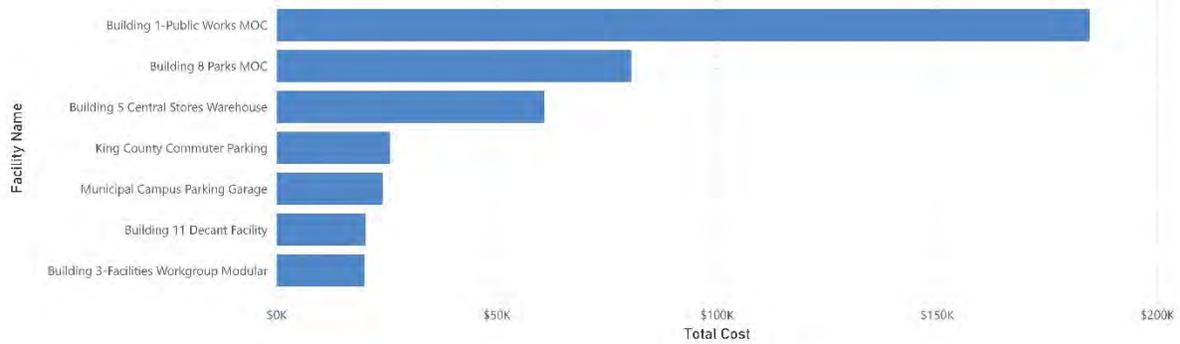
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Phase Three

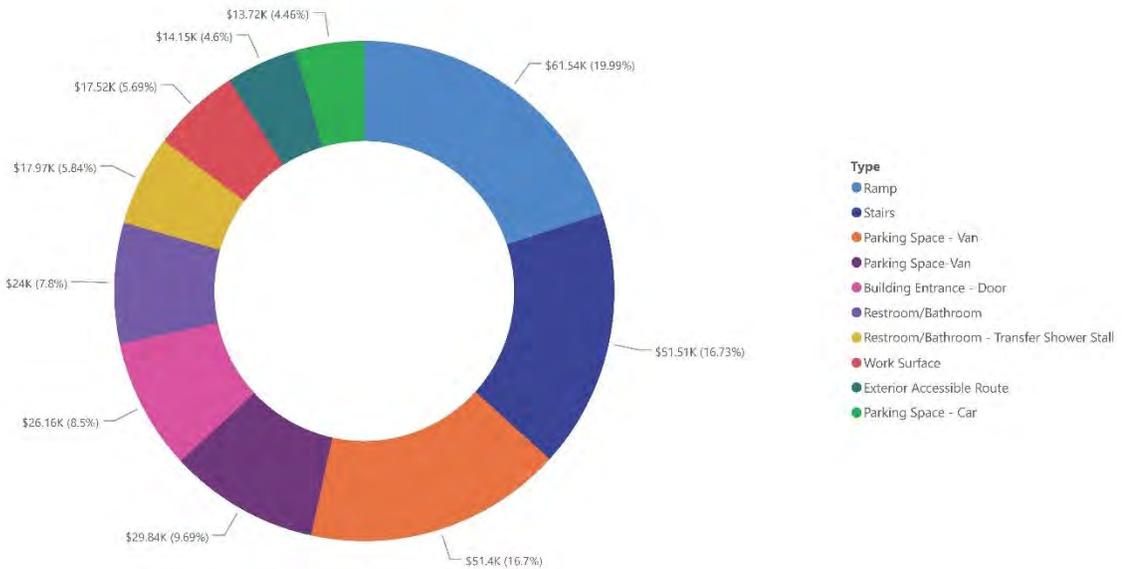
Phase 3: Number of Barriers By Facility



Phase 3: Total Cost by Facility Name



Phase 3: Total Cost by Barrier Type



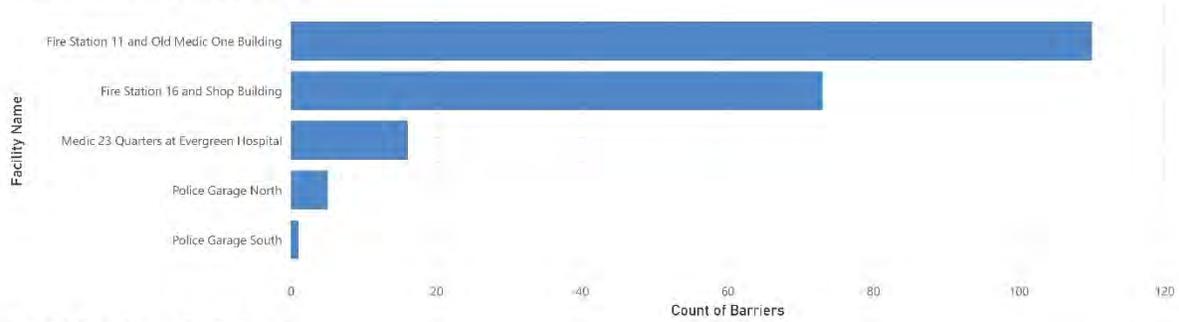
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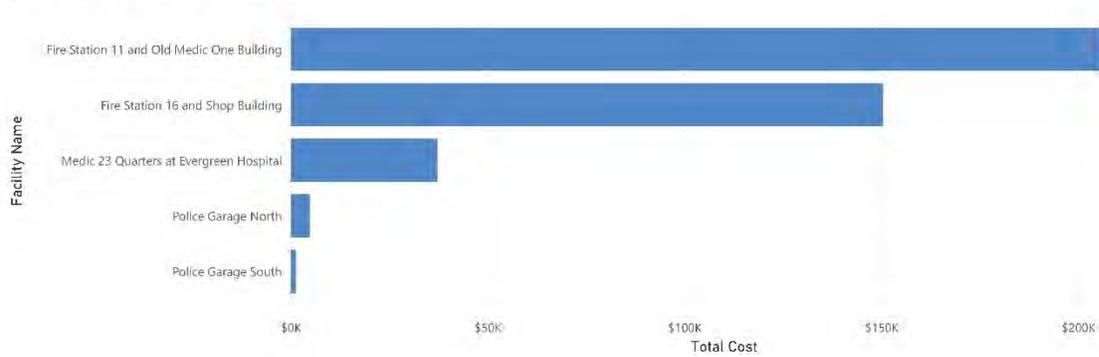
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Phase Four

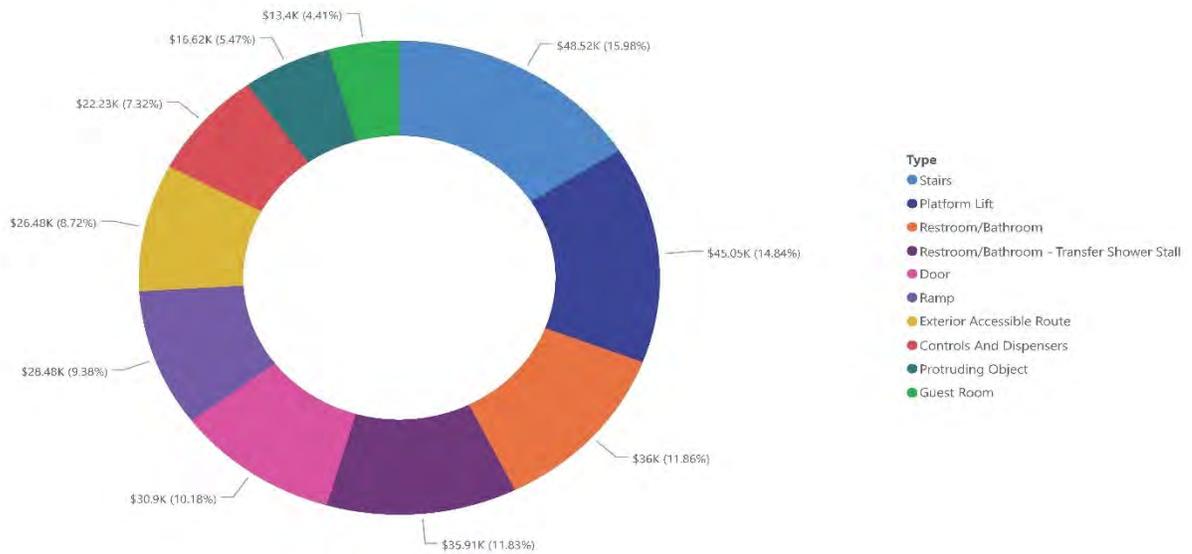
Phase 4: Number of Barriers By Facility



Phase 4: Total Cost by Facility Name



Phase 4: Total Cost by Barrier Type



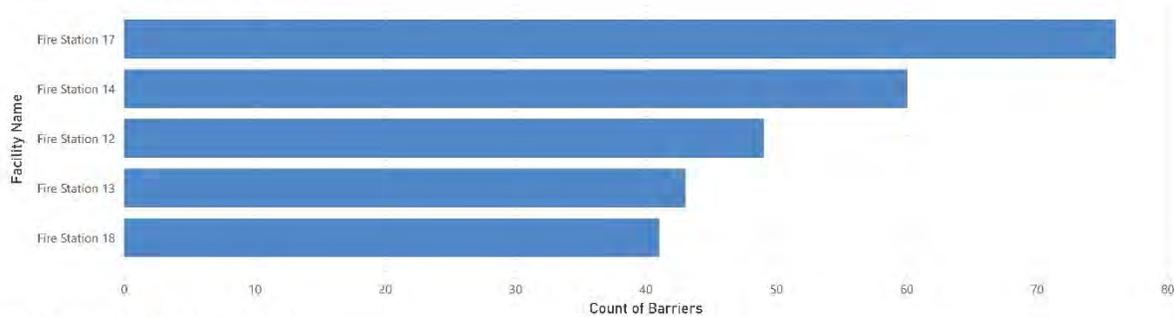
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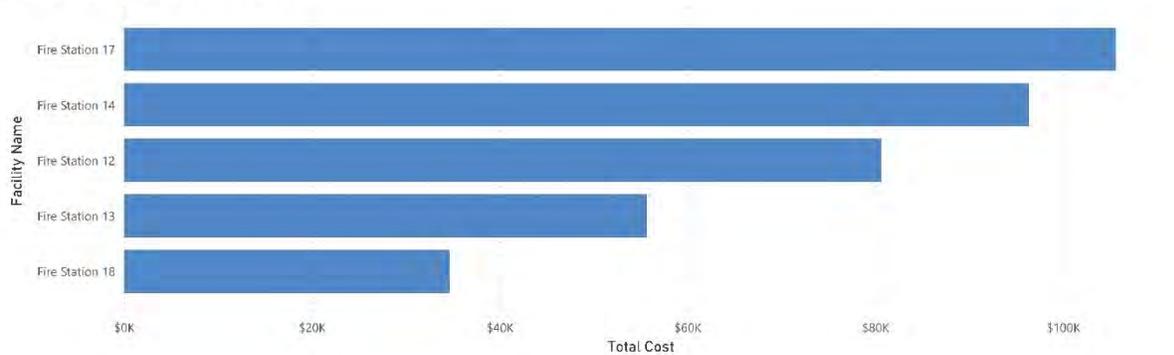
EMG PROJECT NO.: 139332.19R000-00A.206

Phase Five

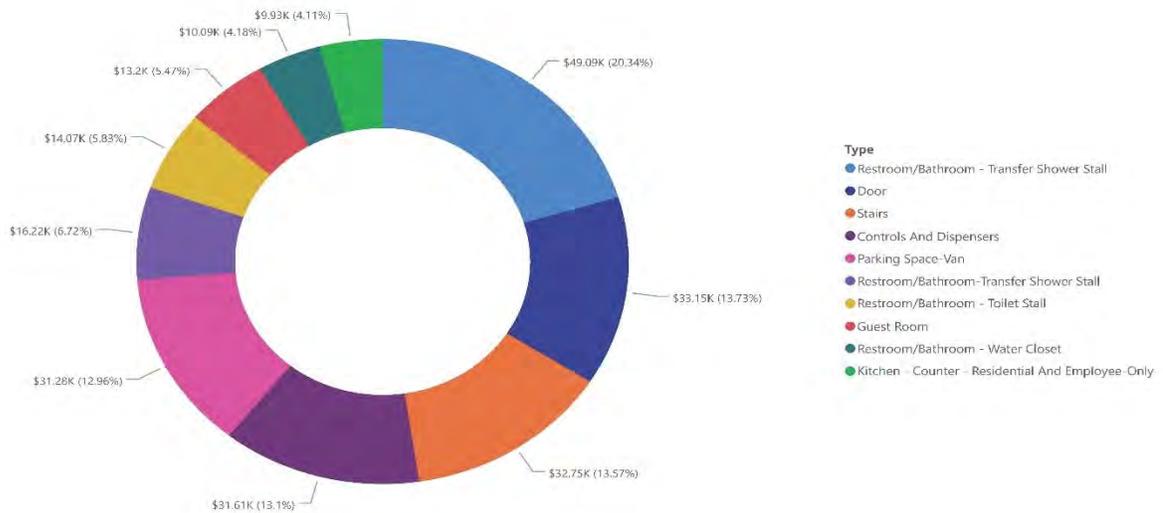
Phase 5: Number of Barriers By Facility



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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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%).</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
202150	Building 11 Decant Facility / 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. 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.</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

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	The maneuvering clearance at the accessible door is not level and clear. Building 1 Main Entrance Door Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 1,250
202484	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Building 1 Main Entrance Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	\$ 366
202485	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Building 1 Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	\$ 366
201058	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Curb Ramp CR1 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	1	\$ 1,750

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201089	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The clear width of the exterior accessible route is less than 44".</p> <p>East Elevation - Route Adjacent to Administration Exterior Door</p> <p>Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p>	1	\$ 554
201088	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The clear width of the exterior accessible route is less than 44".</p> <p>East Elevation - Route from RP1 to offices Exterior Doors</p> <p>Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p>	1	\$ -

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201104	Building 1-Public Works MOC / INTERIOR	Kitchen	<p>The kitchen sink does not have knee and toe clearance.</p> <p>Employees Break-Room</p> <p>Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.</p>	5	\$ 720

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201105	Building 1-Public Works MOC / INTERIOR	Common Areas	<p>The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.</p> <p>Employees Break-Room</p> <p>Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p>	5	\$ 5,439

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201139	Building 1-Public Works MOC / INTERIOR	Interior Access Route	<p>The height of controls throughout the common area are not compliant.</p> <p>Employees Break-Room</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p>	1	\$ 500
203043	Building 1-Public Works MOC / INTERIOR	Kitchen	<p>The height of the counter is greater than 34".</p> <p>Employees Break-Room</p> <p>Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p>	5	\$ 1,986
201140	Building 1-Public Works MOC	Entrance to Building	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Exterior Patio Door</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p>	1	\$ 1,250
201083	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	<p>Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible.</p> <p>Main Entrance Door</p> <p>Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility,</p>	1	\$ 120

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201124	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>Men's Restroom</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p>	3	\$ 55
201125	Building 1-Public Works MOC / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>Men's Restroom</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p>	3	\$ 355
201126	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The side grab bar is not compliant in the wheelchair stall.</p> <p>Men's Restroom</p> <p>Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p>	3	\$ 355

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201127	Building 1-Public Works MOC / INTERIOR	Restroom	<p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>Men's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p>	3	\$ 293
201128	Building 1-Public Works MOC / INTERIOR	Restroom	<p>WASHINGTON: The paper towel dispenser or dryer location is not compliant.</p> <p>Men's Restroom</p> <p>Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum =Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].</p>	3	\$ 200
201129	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The wheelchair stall door is not self closing.</p> <p>Men's Restroom</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p>	3	\$ 293
201130	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The urinal dimensions are not compliant.</p> <p>Men's Restroom</p> <p>Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges.</p>	3	\$ 935

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201131	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The lavatory does not have the required knee clearance.</p> <p>Men's Restroom</p> <p>Relocate the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p>	3	\$ 720
201132	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The shelf is not located between 40" minimum and 48" maximum above finish floor.</p> <p>Men's Restroom</p> <p>Relocate a shelf to 40" minimum and 48" maximum above finish floor.</p>	3	\$ 200
201133	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Men's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p>	3	\$ 200

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201134	Building 1-Public Works MOC / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum.</p>	5	\$ 7,181
201135	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The door has less than 32" clear width.</p> <p>Men's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p>	5	\$ 1,124
201136	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The required clearance at the entry to the transfer stall is not provided.</p> <p>Men's Restroom</p> <p>Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.</p>	5	\$ 3,000

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201137	Building 1-Public Works MOC / INTERIOR	Locker and Dressing Rooms	The locker room does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	\$ 789
202487	Building 1-Public Works MOC / INTERIOR	Restroom	The locker area does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	5	\$ 500
201092	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. North Corridor Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	\$ 366
201093	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". North Corridor Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	\$ 676

BUILDING 11 DECANT FACILITY					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201095	Building 1-Public Works MOC / EXTERIOR	Site Furnishings	A trash receptacle is not located on an accessible route and within reach range. North Elevation Trash Receptacles Relocate the existing trash receptacle to either the edge of an accessible route or on the accessible route so that the receptacle opening is within reach range. Where a space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	\$ 2,000
201051	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 5,000
201052	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking lot P1 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	\$ 280
201054	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	\$ 1,400

BUILDING 11 DECANT FACILITY					
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 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p>	5	\$ 5,439
201139	Building 1-Public Works MOC / INTERIOR	Interior Access Route	<p>The height of controls throughout the common area are not compliant.</p> <p>Employees Break-Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p>	1	\$ 500

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203043	Building 1-Public Works MOC / INTERIOR	Kitchen	The height of the counter is greater than 34". Employees Break-Room Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	\$ 1,986
201140	Building 1-Public Works MOC	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Exterior Patio Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 1,250
201083	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Main Entrance Door Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility,	1	\$ 120
201124	Building 1-Public Works MOC / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	\$ 55

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201125	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	\$ 355
201126	Building 1-Public Works MOC / INTERIOR	Restroom	The side grab bar is not compliant in the wheelchair stall. Men's Restroom Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). .[ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 355
201127	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	\$ 293
201128	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: The paper towel dispenser or dryer location is not compliant. Men's Restroom Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].	3	\$ 200
201129	Building 1-Public Works MOC / INTERIOR	Restroom	The wheelchair stall door is not self closing. Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	\$ 293
201130	Building 1-Public Works MOC / INTERIOR	Restroom	The urinal dimensions are not compliant. Men's Restroom Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges.	3	\$ 935

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201131	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The lavatory does not have the required knee clearance.</p> <p>Men's Restroom</p> <p>Relocate the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p>	3	\$ 720
201132	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The shelf is not located between 40" minimum and 48" maximum above finish floor.</p> <p>Men's Restroom</p> <p>Relocate a shelf to 40" minimum and 48" maximum above finish floor.</p>	3	\$ 200
201133	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Men's Restroom</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p>	3	\$ 200

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201134	Building 1-Public Works MOC / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab</p>	5	\$ 7,181
201135	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The door has less than 32" clear width.</p> <p>Men's Restroom</p> <p>Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p>	5	\$ 1,124
201136	Building 1-Public Works MOC / INTERIOR	Restroom	<p>The required clearance at the entry to the transfer stall is not provided.</p> <p>Men's Restroom</p> <p>Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.</p>	5	\$ 3,000

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201137	Building 1-Public Works MOC / INTERIOR	Locker and Dressing Rooms	The locker room does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	\$ 789
202487	Building 1-Public Works MOC / INTERIOR	Restroom	The locker area does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	5	\$ 500
201092	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. North Corridor Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	\$ 366
201093	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". North Corridor Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	\$ 676
201095	Building 1-Public Works MOC / EXTERIOR	Site Furnishings	A trash receptacle is not located on an accessible route and within reach range. North Elevation Trash Receptacles Relocate the existing trash receptacle to either the edge of an accessible route or on the accessible route so that the receptacle opening is within reach range. Where a space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	\$ 2,000

BUILDING 1-PUBLIC WORKS MOC					
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 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 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

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

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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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

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>	1	\$ 728
200150	City Hall / INTERIOR	Common Areas	<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>	2	\$ 1,804
200151	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	\$ 330
200231	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>	3	\$ 55
200232	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>	2	\$ 750
200160	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>	3	\$ 115
200168	City Hall / INTERIOR	Restroom	<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	\$ 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.</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> <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>	1	\$ 366
200156	City Hall / INTERIOR	Interior Access Route	<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	\$ -

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. Fitness Room Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 500
200176	City Hall / INTERIOR	Common Areas	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Heron Room, Chinook Room, Traffic Management Center Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	\$ 165
200188	City Hall / INTERIOR	Interior Access Route	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Human Resources Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	\$ 1,804
200205	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Office of the Mayor Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	\$ 1,804
200217	City Hall / INTERIOR	Common Areas	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisle Serving Parking Stall P1 & P2 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	\$ 280
200142	City Hall / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisles Serving Parking Stalls P3 - P6 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	\$ 560
200229	City Hall / EXTERIOR	Accessible Parking	WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Parking Lot 1 - Curb Ramps CR1 - CR6 Remove the detectable warning with truncated domes, and install a compliant detectable warning. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps].	1	\$ 3,840
200230	City Hall / EXTERIOR	Exterior Access Route	An accessible passenger loading/unloading zone is not provided where a loading/unloading area is present. Passenger Loading Zone Provide an accessible passenger loading/unloading zone. Passenger loading zones shall provide at least one accessible passenger loading zone in every continuous 100 linear feet of loading zone space, or fraction thereof, except bus loading areas. At least one accessible passenger loading zone shall be provided at an accessible entrance to a licensed medical care or licensed long term care facility where the period of stay exceeds 24 hours. The vehicular pull-up space shall be 96 inches wide minimum and 20 feet long minimum. The loading/unloading zone should allow the access aisle to be at the same level as the loading/unloading area it serves. The access aisle should be marked and separate from the loading/unloading area it serves. The access aisle shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisles shall be marked so as to discourage parking in them. Vehicle pull-up spaces and access aisles serving them shall comply. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide vertical clearance of 114 inches minimum.	1	\$ 3,200
200143	City Hall / 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 interior accessible route. Stair 1 (ST1) Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 2,184
200226	City Hall / INTERIOR	Interior Access Route		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.</p> <p>Stair 2 (ST2)</p> <p>ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is \$87.32 each.</p> <p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p>	2	\$ -
200221	City Hall / INTERIOR	Interior Access Route	<p>Stair 3 (ST3)</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p> <p>Handrails are not compliant or are provided.</p> <p>Stair 4 (ST4)</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p>	1	\$ 2,184
200147	City Hall / EXTERIOR	Exterior Access Route	<p>WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface.</p>	1	\$ 815
200148	City Hall / EXTERIOR	Exterior Access Route	<p>Stair 5 (ST5)</p> <p>Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.</p> <p>Handrails are not compliant or are provided.</p> <p>Stair 5 (ST5)</p> <p>Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]</p>	3	\$ 105
200149	City Hall / EXTERIOR	Exterior Access Route	<p>ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge.</p> <p>Stair 6 (ST6) Council Chambers</p>	1	\$ 1,956
200152	City Hall / INTERIOR	Interior Access Route	<p>ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is \$87.32 each.</p>	2	\$ -

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.</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

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 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	5	\$ 12,000
204165	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The door has less than 32" clear width. Old Medic One Building Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	5	\$ 1,124
204166	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Old Medic One Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 500
204167	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Old Medic One Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	5	\$ 330
204168	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Old Medic One Building Relocate with the leading edge below 27" or install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	5	\$ 728

FIRE STATION 11 AND OLD MEDIC ONE BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204169	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	A platform lift is required but not provided. Old Medic One Building Install a platform lift. Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.	5	\$ 22,525
204148	Fire Station 11 and Old Medic One Building / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisle Serving Stalls P1 & P2 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	\$ 280
204144	Fire Station 11 and Old Medic One Building / EXTERIOR	Accessible Parking	WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	\$ 1,400
204170	Fire Station 11 and Old Medic One Building / EXTERIOR	Accessible Parking	WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	\$ 1,400
204056	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Public Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	\$ 55
204057	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Public Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	\$ 200
204058	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The height of controls are not compliant. Public Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	\$ 200

FIRE STATION 11 AND OLD MEDIC ONE BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204059	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Public Unisex Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	\$ 200
204060	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Public Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	\$ 115
204061	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Public Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	\$ 355
204062	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Public Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"-9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	\$ 293
204087	Fire Station 11 and Old Medic One Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 204088. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 3,000
204088	Fire Station 11 and Old Medic One Building / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204087. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	\$ 1,200
204085	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Throughout Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	5	\$ 1,540
204153	Fire Station 11 and Old Medic One Building / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Walkway to Memorial Plaza Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 2,497

FIRE STATION 11 AND OLD MEDIC ONE BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204154	Fire Station 11 and Old Medic One Building / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. West Entrance Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 3,171
204155	Fire Station 11 and Old Medic One Building / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. West Entrance Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] This barrier must be removed in conjunction with barrier ID 204154. An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 178
204063	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Women's Restroom (Admin Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 115
204064	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Pipes are not insulated. Women's Restroom (Admin Area) Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	5	\$ 65
204065	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Women's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	\$ 200
204066	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The height of controls are not compliant. Women's Restroom (Admin Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 200
204067	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom (Admin Area) Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	5	\$ 355
204068	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom (Admin Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	\$ 200
204123	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom (Dorm Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	\$ 200

FIRE STATION 11 AND OLD MEDIC ONE BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204124	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5' max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p>	5	\$ 7,181
204125	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>The hardware at the wheelchair stall door is not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p>	5	\$ 293
204126	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>The wheelchair stall door is not self closing.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove hinge hardware and replace with hardware which provides self-closing of the door.</p>	5	\$ 293
204127	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>The grab bars at the water closet are not compliant.</p> <p>Women's Restroom (Dorm Area)</p> <p>Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p>	5	\$ 710
204128	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>Women's Restroom (Dorm Area)</p> <p>Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.</p>	5	\$ 355
TOTAL ESTIMATED COST					\$ 206,177

FIRE STATION 12					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204208	Fire Station 12 / INTERIOR	Interior Access Route	The rear of the stairs is open. Apparatus Bay Stair Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground.	1	\$ 728
204175	Fire Station 12 / INTERIOR	Transient Lodging	The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room.	5	\$ 12,000
204231	Fire Station 12 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	5	\$ 2,000
204172	Fire Station 12 / INTERIOR	Interior Access Route	Means of egress signage is not provided. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55% minimum and 110% maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	3	\$ 110
204186	Fire Station 12 / INTERIOR	Interior Access Route	The threshold at the accessible door is greater than ½" in height. Fitness Room Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	5	\$ 179
204209	Fire Station 12 / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	\$ 720

FIRE STATION 12					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204210	Fire Station 12 / INTERIOR	Kitchen	The height of controls throughout the common area are not compliant. Kitchen Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 204211. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	\$ 1,000
204211	Fire Station 12 / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204210. The cost of this barrier removal is covered under ID 204210 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	\$ -
204212	Fire Station 12 / INTERIOR	Kitchen	Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate.	5	\$ 240
204213	Fire Station 12 / INTERIOR	Kitchen	Less than minimum one of each type of operable part is within reach range. Kitchen Provide redundant controls or install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 1,200
204196	Fire Station 12 / INTERIOR	Common Areas	Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Laundry Room Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate.	5	\$ 1,600
204197	Fire Station 12 / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Laundry Room & Unisex Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	5	\$ 586
204177	Fire Station 12 / INTERIOR	Restroom	The provided signage is not mounted at the latch side of the door. Men's Restroom Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	5	\$ 55
204178	Fire Station 12 / INTERIOR	Restroom	The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	\$ 720
204179	Fire Station 12 / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	\$ 200

FIRE STATION 12					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204180	Fire Station 12 / INTERIOR	Restroom	<p>The height of controls are not compliant. Men's Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204181. The cost of this barrier removal is covered under ID 204181 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	5	\$ -
204181	Fire Station 12 / INTERIOR	Restroom	<p>Controls on dispensers are not compliant. Men's Restroom</p> <p>Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204180. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p>	5	\$ 200
204182	Fire Station 12 / INTERIOR	Restroom	<p>A wheelchair stall is not provided in a multi-user restroom. Men's Restroom</p> <p>Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.</p>	5	\$ 2,750

FIRE STATION 12					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204183	Fire Station 12 / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p>	5	\$ 7,181
204184	Fire Station 12 / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	5	\$ 115
204185	Fire Station 12 / INTERIOR	Restroom	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Men's Restroom</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p>	5	\$ 1,250
204219	Fire Station 12 / EXTERIOR	Exterior Access Route	<p>A compliant accessible route is not provided from accessible parking to the public facility entrance.</p> <p>Parking Lot 1</p> <p>Remove curb blocks to allow for an accessible route with no more than 1:50 (2%) cross or 1:20 (5%) running slopes. An accessible route with a running slope greater than 1:20 is a ramp. [EXCEPTION: Cross slopes not greater than 1:48 are permitted]. The minimum clear width of an accessible route is 36". At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. [EXCEPTION: An accessible route shall not be required between accessible buildings, accessible facilities, accessible elements, and accessible spaces if the only means of access between them is a vehicular way not providing pedestrian access.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p>	1	\$ 44
204216	Fire Station 12 / EXTERIOR	Accessible Parking	<p>WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant.</p> <p>Parking Lot 1 - Stall P1</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p>	1	\$ 11,300

FIRE STATION 12					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204214	Fire Station 12 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall and access aisle are not marked and signage is not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	\$ 1,400
204215	Fire Station 12 / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Reception Vestibule Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	\$ 1,804
204173	Fire Station 12 / INTERIOR	Interior Access Route	The bottom of the door vision light is higher than 43" and less than 66". Throughout Building Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]	5	\$ 13,000
204174	Fire Station 12 / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Throughout Building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	\$ 2,500
204176	Fire Station 12 / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Throughout Building Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	5	\$ 440
204187	Fire Station 12 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	\$ 675
204198	Fire Station 12 / INTERIOR	Restroom	The door has less than 32" clear width. Unisex Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	5	\$ 1,124
204199	Fire Station 12 / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204200. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	\$ 1,250
204200	Fire Station 12 / INTERIOR	Restroom	Clear widths are not 36" minimum (including protruding objects). Smaller widths of 32" min. to 36" a max. length of 24" and not separated by segments a min. of 48" long and 36" wide min. Unisex Restroom Ensure clear widths of 36" minimum. This barrier must be removed in conjunction with barrier ID 204199. Ensure smaller widths of minimum 32" to 36" are maximum length of 24" separated by segments minimum 48" long and minimum 36" wide.	5	\$ 1,000
204201	Fire Station 12 / INTERIOR	Restroom	Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	5	\$ 65

FIRE STATION 12					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204202	Fire Station 12 / INTERIOR	Restroom	<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	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Apparatus Bay Install cane detectors. This barrier must be removed in conjunction with barrier ID 200583 & 200584. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	5	\$ 728
200464	Fire Station 14 / INTERIOR	Employee Work Areas	Controls throughout the common area are not compliant. Apparatus Bay Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 225
200583	Fire Station 14 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Apparatus Bay Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200463 & 200584. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 225
200584	Fire Station 14 / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Apparatus Bay Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200463 & 200583. The cost of this barrier removal is covered under ID 200583 and therefore, the cost of this ID is shown as \$0. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	\$ -
200460	Fire Station 14 / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Corridor Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 1,250
200430	Fire Station 14 / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	\$ 165
200437	Fire Station 14 / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Corridor Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 55

FIRE STATION 14					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200579	Fire Station 14 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorm Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	3	\$ 2,000
200439	Fire Station 14 / INTERIOR	Transient Lodging	The clear floor space at the bed is not compliant. Dorm Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.]	2	\$ 400
200420	Fire Station 14 / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Entry Lobby Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	\$ 1,804
200455	Fire Station 14 / INTERIOR	Kitchen	Less than 5% or at least one of each type of sink is not accessible. Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	\$ 720
200456	Fire Station 14 / INTERIOR	Kitchen	The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.	4	\$ 759
200457	Fire Station 14 / INTERIOR	Kitchen	The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	2	\$ 1,986
200458	Fire Station 14 / INTERIOR	Kitchen	Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200459. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 2,196

FIRE STATION 14					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200459	Fire Station 14 / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200458. The cost of this barrier removal is covered under ID 200458 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ -
200582	Fire Station 14 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200436. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 225
200434	Fire Station 14 / INTERIOR	Common Areas	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	5	\$ 720
200436	Fire Station 14 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200582. The cost of this barrier removal is covered under ID 200582 and therefore, the cost of this ID is shown as \$0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. The element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ -
200446	Fire Station 14 / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	\$ 110
200447	Fire Station 14 / INTERIOR	Restroom	The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	3	\$ 720

FIRE STATION 14					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200448	Fire Station 14 / INTERIOR	Restroom	<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 ½" in height. Patio Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 200453. The cost of this barrier removal is covered under ID 200453 and therefore, the cost of this ID is shown as \$0. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	\$ -
200419	Fire Station 14 / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. Public Entrance Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	\$ 179
200580	Fire Station 14 / INTERIOR	Interior Access Route	Stairs have open risers. Stair to Storage & Mechanical Space Replace with compliant stairs that have closed risers. Open risers are not permitted.	1	\$ 14,280
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 an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.	3	\$ 732
200423	Fire Station 14 / INTERIOR	Restroom	Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	\$ 130
200424	Fire Station 14 / INTERIOR	Restroom	The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unisex Restroom Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 1,260
200425	Fire Station 14 / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Unisex Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	\$ 626
200426	Fire Station 14 / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	\$ 586
200427	Fire Station 14 / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	\$ 710

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	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Classroom A Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 300
203381	Fire Station 17 / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Classroom A - Radio Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	\$ 55
203383	Fire Station 17 / INTERIOR	Interior Access Route	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Classrooms A and B Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	\$ 1,440
203379	Fire Station 17 / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Classrooms A and B Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 1,456
203328	Fire Station 17 / INTERIOR	Interior Access Route	The door has less than 32" clear width. Crew Office Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	5	\$ 2,600
203329	Fire Station 17 / INTERIOR	Employee Work Areas	The work surface is not compliant. Crew Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	5	\$ 1,030
203325	Fire Station 17 / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Crew Office and Police Offices Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	\$ 110

FIRE STATION 17					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203326	Fire Station 17 / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Crew Office, Company Officer and Police Offices Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48' minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60' maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	\$ 165
203406	Fire Station 17 / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp CR-1 The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	\$ 1,750
203407	Fire Station 17 / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp CR-1 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	\$ 158
203404	Fire Station 17 / EXTERIOR	Exterior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Entrance E-1 Remove and lower to a compliant reach range. This barrier must be removed in conjunction with ID 203405. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 300
203405	Fire Station 17 / EXTERIOR	Exterior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Entrance E-1 Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. This barrier must be removed in conjunction with ID 203404. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.]	1	\$ 728
203373	Fire Station 17 / INTERIOR	Entrance to Building	The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Entrance E-2 Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,]	2	\$ 400
203396	Fire Station 17 / INTERIOR	Entrance to Building	The push side of the accessible door does not have the required maneuvering clearances. Entrance E-3 Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door and within the recess of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 1,250
203374	Fire Station 17 / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrances E-2 and E-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 2,500
203324	Fire Station 17 / INTERIOR	Interior Access Route	Means of egress signage does not have tactile lettering. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style' Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	\$ 220

FIRE STATION 17					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203347	Fire Station 17 / INTERIOR	Fitness	Clear floor space is not provided at the transfer point to the exercise equipment. Fitness Room Provide clear floor space 30" minimum x 48" minimum positioned for transfer or for use by an individual seated in a wheelchair. Clear floor space has a maximum slope of 2.08% slope in all directions. Accessible exercise machines and equipment shall have a clear floor space positioned for transfer or for use by an individual seated in a wheelchair. Clear floor spaces required at exercise machines and equipment shall be permitted to overlap. One side of the clear floor space shall connect to an accessible route. Clear floor spaces shall not overlap the accessible route.	5	\$ 500
203346	Fire Station 17 / INTERIOR	Interior Access Route	Handrail extensions are not compliant. Front and Rear Stairwells Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	\$ 326
203391	Fire Station 17 / INTERIOR	Interior Access Route	The sink rim is higher than 34". Garage Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	5	\$ 720
203392	Fire Station 17 / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Garage Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	\$ 400
203393	Fire Station 17 / INTERIOR	Interior Access Route	The location of the spout of the eye wash station is not compliant. Garage Replace the eye wash station to ensure that the spout height is no higher than 36" maximum measured from the finish floor or ground to the spout outlet, and provide knee and toe clearance. This barrier must be removed in conjunction with ID 203769. Spout outlets shall be 36" maximum above the finish floor or ground, 15" minimum from vertical support, and 5" maximum from front edge. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	4	\$ 2,505
203742	Fire Station 17 / INTERIOR	Interior Access Route	Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Garage Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant.	5	\$ 65
203769	Fire Station 17	Interior Access Route	Knee and toe clearance is not provided at the eye wash station. Garage Relocate or replace the eye wash station to provide knee and toe clearance. This barrier must be removed in conjunction with ID 203393. Units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	4	\$ 980

FIRE STATION 17					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203398	Fire Station 17 / EXTERIOR	Exterior Access Route	The gate does not have a smooth surface within 10" of the ground. Gate G-1 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	\$ 160
203399	Fire Station 17 / EXTERIOR	Exterior Access Route	The gate maneuvering clearance area is not compliant. Gate G-1 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.]	1	\$ 568
203738	Fire Station 17 / INTERIOR	Kitchen	The oven does not have an adjacent work surface which is a minimum height of 28" and maximum height of 34", or an adjustable work surface ranging from minimum 29" to 36" maximum. Kitchen Remove and install a kitchen work surface adjacent to the oven that is maximum 34" height or an adjustable work surface which can be adjusted from minimum 29" to maximum 36". The work surface shall be positioned adjacent to the latch side of a side-hinged oven door, or adjacent to one side of a bottom-hinged oven door. Modify or replace counter to provide a minimum 30" wide section with maximum height 34" with knee and toe clearance adjacent to the oven. The work surface shall also have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	4	\$ 2,382
203338	Fire Station 17 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 200
203339	Fire Station 17 / INTERIOR	Kitchen	Less than minimum one of each type of operable part is within reach range. Kitchen Install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 1,000
203343	Fire Station 17 / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Kitchen Relocate or install cane detection. This barrier must be removed in conjunction with ID 203344. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728
203333	Fire Station 17 / INTERIOR	Kitchen	The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	\$ 1,986

FIRE STATION 17					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203334	Fire Station 17 / INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	4	\$ 3,039
203335	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 1,500
203344	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen and Fitness Room Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203343. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 600
203336	Fire Station 17 / INTERIOR	Interior Access Route	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Kitchen and Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	\$ 1,440
203348	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Laundry Room Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 300
203401	Fire Station 17 / INTERIOR	Interior Access Route	Knee and toe clearance is not provided at the lower level fountain. Lobby Relocate or replace the lower level unit to provide knee and toe clearance. Lower level units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30" maximum above the finish floor or ground and is 3-1/2" maximum from the front edge of the unit, including bumpers.] For a parallel approach, the 48" dimension shall be centered on the unit. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	4	\$ 980

FIRE STATION 17					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203402	Fire Station 17 / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Lobby Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 630
203403	Fire Station 17 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Lobby Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	\$ 115
203376	Fire Station 17 / INTERIOR	Restroom	The water closet in a single user / unisex restroom does not have the required clearance. Lobby Restroom, Upstairs Restroom - South Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 2,736
203375	Fire Station 17 / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Lobby Restroom, Upstairs Restrooms - North and South Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	\$ 2,184
203743	Fire Station 17 / INTERIOR	Restroom	The lavatory is mounted higher than 34" to the higher of the rim or counter. Lobby Restroom, Upstairs Restrooms - North and South Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".	3	\$ 2,160
203741	Fire Station 17 / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Lobby Restroom, Upstairs Restrooms - North and South Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	\$ 600
203350	Fire Station 17 / INTERIOR	Restroom	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's and Women's Restrooms Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	3	\$ 732

FIRE STATION 17					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203351	Fire Station 17 / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's and Women's Restrooms Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203352.	2	\$ 1,456
203352	Fire Station 17 / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Men's and Women's Restrooms Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with ID 203351. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	\$ 400
203353	Fire Station 17 / INTERIOR	Restroom	The lavatory is mounted higher than 34" to the higher of the rim or counter. Men's and Women's Restrooms Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".	3	\$ 1,440
203354	Fire Station 17 / INTERIOR	Restroom	Pipes are not insulated. Men's and Women's Restrooms Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	\$ 130
203355	Fire Station 17 / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's and Women's Restrooms Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	\$ 400
203357	Fire Station 17 / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's and Women's Restrooms Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	\$ 586
203358	Fire Station 17 / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's and Women's Restrooms Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 1,260
203359	Fire Station 17 / INTERIOR	Interior Access Route	Clear space is not provided at the control or operating mechanism. Men's and Women's Restrooms Relocate the dispenser and provide compliant clear floor space at each control and operating mechanism that allows a forward or a parallel approach. The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. For a forward approach, alcoves shall be 36" wide minimum where the depth exceeds 24". For a parallel approach, alcoves shall be 60" wide minimum where the depth exceeds 15". Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.]	1	\$ 400

FIRE STATION 17					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203360	Fire Station 17 / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's and Women's Restrooms</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21 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	A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19". Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	\$ 2,750
200505	Fire Station 18 / INTERIOR	Restroom	Pipes are not insulated. Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	\$ 65
200471	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Lot 1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	\$ 280
200472	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	\$ 280
200473	Fire Station 18 / EXTERIOR	Exterior Access Route	WASHINGTON: The curb ramp width is less than 44". Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 200474. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.]	1	\$ 1,750
200474	Fire Station 18 / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200473. The cost of this barrier removal is covered under ID 200473 and therefore, the cost of this ID is shown as \$0. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	\$ -
200477	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	\$ 1,400

FIRE STATION 18					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200514	Fire Station 18 / EXTERIOR	Entrance to Building	The threshold at the accessible door is raised; however the ends are not beveled. Patio Entrance Remove and replace with a threshold that is ½" or less in height; or beveled with a slope no greater than 1:2. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] Changes in level up to 1/4" max. are permitted to be vertical.	1	\$ 179
200478	Fire Station 18 / EXTERIOR	Exterior Access Route	Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Public Entrance Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	\$ 93
200479	Fire Station 18 / EXTERIOR	Entrance to Building	The threshold at the accessible door is raised; however the ends are not beveled. Public Entrance Remove and replace with a threshold that is ½" or less in height; or beveled with a slope no greater than 1:2. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] Changes in level up to 1/4" max. are permitted to be vertical.	1	\$ 179
200475	Fire Station 18 / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Public Entrance Walkway Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	\$ 770
200476	Fire Station 18 / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Rear Patio Access Route Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 44" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	5	\$ 1,750
200506	Fire Station 18 / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Throughout Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 279
200487	Fire Station 18 / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 2,700
200482	Fire Station 18 / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	\$ 355
200483	Fire Station 18 / INTERIOR	Restroom	The side grab bar at the water closet is not compliant. Unisex Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 355
200485	Fire Station 18 / INTERIOR	Restroom	Controls on dispensers are not compliant. Unisex Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 200486. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	\$ 200
200486	Fire Station 18 / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with barrier ID 200485. The cost of this barrier removal is covered under ID 200485 and therefore, the cost of this ID is shown as \$0.	2	\$ -

FIRE STATION 18					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200494	Fire Station 18 / INTERIOR	Restroom	<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	<p>An access aisle is not provided. 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%). 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	\$ 6,300
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%). 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	\$ 3,972
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</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	\$ 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" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.	2	\$ 1,804
197359	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Desk - Storage Room, Staff Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 400
197355	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Front Desk, Bridge of Promise Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 2,500
197340	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Entry, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 1,000

OLD FIRE STATION TEEN CENTER					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
197345	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Front Hallway Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	\$ 5,439
197356	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The space between two doors in a series is less than 48" clear with doors open 90 degrees. Front Office Remove and replace with doors in a series that have at 48" of clear space between them, plus the width of any door swinging into the space. The distance between two hinged or pivoted doors in series and gates in series shall be 48" minimum plus the width of doors or gates swinging into the space.	1	\$ 1,080
197358	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The threshold at the accessible door is greater than 1/2" in height. Front Office - Rear Storage Room Remove and replace with a threshold that is 1/2" or less in height. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	\$ 179
197360	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Game Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728
197361	Old Fire Station Teen Center / INTERIOR	Common Areas	The locker room does not have at least one of the shelves at 40" minimum and 48" maximum height. Game Room Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 330
197373	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Game Room Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 1,250
199235	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Game Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 225
197390	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The accessible route does not have 80" vertical clearance. Gate G-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail, with at least one horizontal member 27" high maximum, shall be provided.	1	\$ 200
197403	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The gate hardware is not compliant. Gate G-3 Handles, pulls, latches, locks and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Lever-operated mechanisms, push-type mechanisms and U-shaped handles are acceptable designs. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	\$ 200
197413	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The gate maneuvering clearance area is not compliant. Gate G-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate and the required latch side or hinge side clearance. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.]	1	\$ 568
197391	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The gate does not have a smooth surface within 10" of the ground. Gates G-1, G-2, G-3, G-4 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	\$ 640

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

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Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
197429	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Entrance E-4 to Gate G-2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 716
197425	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Gate G-1 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 1,000
197415	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Route from Gate G-4 to Entrance E-1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 495
197420	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Parking Lot 1 to the Entrance E-1 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 7,928
197398	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The clear width of the exterior accessible route is less than 44". Route from Parking Lot 2 to Entrance E-3 Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 107
197430	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Parking Stall P2-1 Access Aisle to Gate G-2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 600
197419	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from the Entrance E-1 to the Public Sidewalk Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 356
197399	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The sidewalk does not have 80" vertical clearance. Route to Entrance E-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail 27" high maximum shall be provided.	1	\$ 500
197319	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Show Room - Sound Booth All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.	1	\$ 688

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Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
197320	Old Fire Station Teen Center / INTERIOR	Common Areas	<p>The work surface height is not compliant. Knee and toe clearances are not provided.</p> <p>Show Room - 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	\$ 4,764
197321	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>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.</p> <p>Show Room - Sound Booth</p> <p>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.</p>	2	\$ 160
199421	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>Handrails are not provided.</p> <p>Show Room - Sound Booth</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	\$ 1,304
199422	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>A ramp is required but not provided.</p> <p>Show Room - Sound Booth</p> <p>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.</p>	1	\$ 12,578
199423	Old Fire Station Teen Center / INTERIOR	Interior Access Route	<p>The ramp run rises 6" or greater but has no handrails.</p> <p>Show Room - Sound Booth</p> <p>Install compliant handrails on each side of ramp. Handrails are required on ramp runs with a rise greater than 6". Handrails are not required on walking surfaces with running slopes less than 1:20. Handrails shall be provided on both sides of ramps. [EXCEPTION: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each ramp run. Inside handrails on ramps shall be continuous between runs. [EXCEPTION: In assembly areas, handrails on ramps shall not be required to be continuous in aisles serving seating.] Handrails shall be at a consistent height above the ramp on both sides of the ramp. Tops of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. [ADVISORY: The requirements for ramp handrails are for adults. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28", measured to the top of the gripping surface from the ramp surface or stair nosing, is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Ramp handrails shall extend horizontally above the landing for 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. Edge Protection: A curb or barrier shall be provided that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finish floor or ground surface, or the surface of the ramp shall extend 12" minimum beyond the handrail. [EXCEPTIONS: 1. Edge protection is not required on ramps that are not required to have handrails and curb ramps with flares. 2. Edge protection is not required on the sides of ramp landings serving an adjoining ramp run. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum landing area.]</p>	1	\$ 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	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Corridor 287 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728
201332	Public Safety Building / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201333 & 201334. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	\$ 1,750
201333	Public Safety Building / EXTERIOR	Exterior Access Route	WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201332 & 201334. The cost of this barrier removal is covered under ID 201332 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.]	1	\$ -
201334	Public Safety Building / EXTERIOR	Exterior Access Route	A landing at the top of the curb ramp is not present. Curb Ramp 1 (CR1) Construct a landing at the top of the curb ramp. This barrier must be removed in conjunction with barrier ID 201333 & 201334. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing. [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] The slope of the landing, where the landing connects to a sidewalk aligned perpendicular or angled to the curb ramp run requiring a wheelchair turn, shall be maximum 1:48 (2.08%). Where the landing connects to a sidewalk where the path of travel continues only in the same alignment as the curb ramp run, the slope of the landing may be maximum 5%.	1	\$ 1,289
201328	Public Safety Building / EXTERIOR	Exterior Access Route	Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Entry 197 Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	\$ 150
201242	Public Safety Building / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Entry 197 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	\$ 5,439
201243	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entry 197 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728
201244	Public Safety Building / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Entry 197 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	\$ 500
201327	Public Safety Building / EXTERIOR	Exterior Access Route	The hardware at the accessible door is mounted below 34" or above 48". Entry J101 Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	\$ 676

PUBLIC SAFETY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201179	Public Safety Building / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Entry Lobby 101 Install accessible drinking fountain(s). This barrier must be removed in conjunction with barrier ID 201180. No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	\$ 5,439
201180	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entry Lobby 101 Install cane detectors. This barrier must be removed in conjunction with barrier ID 201179. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728
201206	Public Safety Building / INTERIOR	Common Areas	The vending machines have operable parts which are not within reach range. Entry Vestibule 117 & Room 140 Where provided, at least one of each type of depository, vending machine, change machine, and fuel dispenser shall comply. A clear floor or ground space shall be provided. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 9,762
201270	Public Safety Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Exercise 165 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 250
201271	Public Safety Building / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Exercise 165 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 225
201329	Public Safety Building / EXTERIOR	Exterior Access Route	The gate does not have a smooth surface within 10" of the ground. Gate 1 (G1) & Gate 2 (G2) Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	\$ 320
201341	Public Safety Building / INTERIOR	Common Areas	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Jail Booking Area J104 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	\$ 5,439
201342	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Jail Booking Area J104 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728

PUBLIC SAFETY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201339	Public Safety Building / INTERIOR	Detention/Correctional Facilities	<p>Less than 3% of the detention cells are mobility cells. Jail Cells J106, J107, J111, J125, J127 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.</p> <p>Men's Lockers 160 & Women's Lockers 163</p> <p>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.</p> <p>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.</p> <p>Men's Lockers 160 & Women's Lockers 163</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p>	3	\$ 110
201246	Public Safety Building / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>Men's Lockers 160 & Women's Lockers 163</p> <p>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.</p> <p>Men's Lockers 160 & Women's Lockers 163</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	\$ 400
201208	Public Safety Building / INTERIOR	Restroom	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Men's Restroom 120</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

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 an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.	3	\$ 732

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	<p>The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.</p> <p>Training Room Lobby 118</p> <p>Install accessible drinking fountain(s) with a 30" wide clear floor space. No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units.</p> <p>Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.]</p> <p>Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.</p> <p>Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground.</p> <p>Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p>	4	\$ 5,439
201182	Public Safety Building / INTERIOR	Restroom	<p>The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.</p> <p>Unisex Restroom 111</p> <p>Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.</p>	3	\$ 55
201183	Public Safety Building / INTERIOR	Restroom	<p>Pipes are not insulated.</p> <p>Unisex Restroom 111</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
201184	Public Safety Building / INTERIOR	Restroom	<p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Unisex Restroom 111</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
201185	Public Safety Building / INTERIOR	Restroom	<p>The height of controls are not compliant.</p> <p>Unisex Restroom 111</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
201186	Public Safety Building / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>Unisex Restroom 111</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
201187	Public Safety Building / INTERIOR	Restroom	<p>The shelf is not located between 40" minimum and 48" maximum above finish floor.</p> <p>Unisex Restroom 111</p> <p>Relocate a shelf to 40" minimum and 48" maximum above finish floor.</p>	3	\$ 180
201188	Public Safety Building / INTERIOR	Restroom	<p>The flush control is located on the closed side and/or is not within reach range.</p> <p>Unisex Restroom 111</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

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

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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> <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>	1	\$ 1,250
203235	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>	2	\$ 150
203728	Redmond Community Center / INTERIOR	Interior Access Route	<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>	1	\$ -
203281	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	\$ 701
203282	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	\$ 1,351
203283	Redmond Community Center / INTERIOR	Kitchen	<p>Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Employee Break Room</p>	5	\$ 720
203284	Redmond Community Center / INTERIOR	Kitchen	<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. 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</p>	5	\$ 65
203285	Redmond Community Center / INTERIOR	Interior Access Route	<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

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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 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 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 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 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 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 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 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 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

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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.		
203258	Redmond Community Center / INTERIOR	Kitchen	<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> <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	\$ 200
203259	Redmond Community Center / INTERIOR	Kitchen	<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> <p>The accessible sink is not installed with the front of the higher of the rim or counter surface 34' maximum above finished floor.</p>	1	\$ -
203260	Redmond Community Center / INTERIOR	Kitchen	<p>Kitchen</p> <p>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.</p> <p>Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink.</p>	2	\$ 720
203261	Redmond Community Center / INTERIOR	Kitchen	<p>Kitchen</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>	2	\$ 65
203262	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. Where a forward reach is 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>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>	2	\$ 400
203263	Redmond Community Center / INTERIOR	Kitchen	<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> <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>	4	\$ 2,382
203264	Redmond Community Center / INTERIOR	Kitchen	<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> <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>	4	\$ 1,688
203265	Redmond Community Center / INTERIOR	Concession Stand	<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	\$ 1,804
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> <p>The ramp running slope exceeds 1:12 (8.33%).</p>	1	\$ 200
203300	Redmond Community Center / INTERIOR	Interior Access Route	<p>Lecture Hall 133</p> <p>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	\$ -

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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

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. The rear grab bar at the water closet is not compliant. 1st Floor Men's Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 355
202509	Trinity Building / INTERIOR	Restroom	The height of controls are not compliant. 1st Floor Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	\$ 355
202510	Trinity Building / INTERIOR	Restroom		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

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
			A wheelchair stall is not provided in a multi-user restroom. 2nd Floor Men's Restroom		
202533	Trinity Building / INTERIOR	Restroom	Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	\$ 3,105
202534	Trinity Building / INTERIOR	Restroom	Pipes are not insulated. 2nd Floor Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	\$ 65
202536	Trinity Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 2nd Floor Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	\$ 55
202537	Trinity Building / INTERIOR	Restroom	The door has less than 32" clear width. 2nd Floor Women's Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	3	\$ 1,124
202538	Trinity Building / INTERIOR	Restroom	Pipes are not insulated. 2nd Floor Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	\$ 65

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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.</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 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.</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
202552	Trinity Building / EXTERIOR	Exterior Access Route	<p>WASHINGTON: An exterior accessible route is not provided.</p> <p>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.</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

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. 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. 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. 2nd Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	3	230
200191	City Hall / INTERIOR	Restroom	<p>The hardware at the wheelchair stall door is not compliant. 2nd Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]</p>	3	586

PHASE ONE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200192	City Hall / INTERIOR	Restroom	<p>WASHINGTON: A vertical side grab bar is not present in the wheelchair stall.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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

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.</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>	3	55
200232	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>	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. 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. 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. Stair 6 (ST6) Council Chambers Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]</p>	1	978

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 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	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%). 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>	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. 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.</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 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 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.</p> <p>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	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"</p> <p>Unisex Restrooms 118, 119</p> <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>	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.</p> <p>Unisex Restrooms 118, 119</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	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.</p> <p>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 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. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 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</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p>	1	2000
202550	Trinity Building / EXTERIOR	Exterior Access Route	<p>The accessible route has gaps in the surface greater than 1/2" wide.</p> <p>To Door D-2</p> <p>Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.</p>	1	99
PHASE ONE TOTAL					\$ 406,026

PHASE TWO BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
157401	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. The maneuvering clearance at the accessible door is not level and clear.	1	1250
157412	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	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. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
157434	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	Entrance E-4 The pull side of the accessible door does not have the required maneuvering clearances. Entrance E-4 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
157393	Old Fire Station Teen Center / 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. 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
157354	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Providing 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.] 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.	1	728
159234	Old Fire Station Teen Center / INTERIOR	Common Areas	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. Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	2	1804
157359	Old Fire Station Teen Center / INTERIOR	Interior Access Route	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
157355	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Front Desk, Bridge of Promise Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	2500
157340	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Entry, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	1000
157345	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Front Hallway Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3-1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 30" 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 48" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439
157356	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The space between two doors in a series is less than 48" clear with doors open 90 degrees. Front Office Remove and replace with doors in a series that have at 48" of clear space between them, plus the width of any door swinging into the space. The distance between two hinged or pivoted doors in series and gates in series shall be 48" minimum plus the width of doors or gates swinging into the space. The threshold at the accessible door is greater than 1/2" in height.	1	1080
157358	Old Fire Station Teen Center / INTERIOR	Interior Access Route	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 1/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.] Front Office - Rest Storage Room Providing objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Game Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	179
157360	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The locker room does not have at least one of the shelves at 60" minimum and 48" maximum height. Game Room Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	1	728
157361	Old Fire Station Teen Center / INTERIOR	Common Areas	The pull side of the accessible door does not have the required maneuvering clearances. Game Room Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	4	330
157373	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Game Room Provide controls and operating mechanisms that are operable with one hand and do 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. The accessible route does not have 80" vertical clearance. Gate G-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail, with at least one horizontal member 27" high maximum, shall be provided.	1	225
157390	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	Gate G-3 The gate hardware is not compliant. Gate G-3 Handles, pulls, latches, locks and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Lever-operated mechanisms, push-type mechanisms and U-shaped handles are acceptable designs. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without titles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	200
157413	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	Gate G-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate and the required latch side or hinge side clearance. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.] Gates G-1, G-2, G-3, G-4 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	1	568
157391	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	Gate G-1, G-4 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.]	2	640
157414	Old Fire Station Teen Center / EXTERIOR	Exterior 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	1136
157379	Old Fire Station Teen Center / INTERIOR	Interior Access Route	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.	1	250
157380	Old Fire Station Teen Center / INTERIOR	Kitchen	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.] 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.	4	759
157381	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 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. [EXCEPTION: 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.] Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth 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	200
157382	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.	4	1688
157383	Old Fire Station Teen 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.	2	720

PHASE TWO BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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 at a part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish 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. Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	4	2382
197386	Old Fire Station Teen Center / INTERIOR	Interior Access Route	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 15" 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 (maximum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	400
197387	Old Fire Station Teen Center / INTERIOR	Kitchen	The clearance between opposing base cabinets, counter tops, appliances or walls within kitchen work areas in a U-shaped kitchen enclosed on three sides are less than 60". Kitchen Relocate elements or remove elements to create minimum 60" clearance between opposing base cabinets, counter tops, appliances or walls within kitchen work areas. [EXCEPTION: Spaces that do not provide a cooktop or conventional range shall not be required to comply with 804.2.]	4	9850
199251	Old Fire Station Teen Center / INTERIOR	Kitchen	Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant.	2	65
199228	Old Fire Station Teen Center / INTERIOR	Employee Work Areas	The work surface is not compliant. Manager's Office, Bridge of Promise Office, Front Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element at a part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish 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. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element at a part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	5	3091
199225	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Manager's Office, Front Desk (2), Bridge of Promise Office Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors, existing 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 option, or integral combination lock.]	5	1172
199224	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The door has less than 32" clear width. Manager's Office, Front Desk Storage Room, Bridge of Promise Office Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening with lower than 34" above the finish floor or ground. Projections into the clear opening with 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 7/8" minimum above the finish floor or ground.]	5	7800
199226	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The bottom of the door vision light is higher than 45". 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 grade are not required to comply.]	5	7800
199227	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Manager'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 15" 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 (maximum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	1000
197346	Old Fire Station Teen Center / INTERIOR	Restroom	Restroom is not accessible, and directional signs to the nearest accessible restroom is not provided. Men's and Women's Restrooms Provide compliant directional signage to the closest accessible restroom. The directional signage shall include the International Symbol of Accessibility. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located above 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 1/22" 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 "T." 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 "T." [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/22" minimum.] The visual characters of the sign shall be installed at minimum 48" above finish floor. The access aisle slope is greater than 1:50 (2%).	3	110
197432	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	Parking Stall P2-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	5000
197395	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle is not compliant. Parking Stall P2-1 Stripe with a compliant van accessible 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%). WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Stalls P1-3 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	4200
197388	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Stalls P1-3, P1-2 and P1-1 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
197389	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking Stalls P1-2 and P1-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	12600
197400	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance. Patio and Picnic Areas Provide a compliant picnic table that allows a clear space of 30" minimum x 48" minimum positioned for forward approach. The table must provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 12" 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 ground surface 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 surface 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. The 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 ground space is not provided at the operable part.	3	3900
197416	Old Fire Station Teen Center / EXTERIOR	Site Furnishings	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. Clear ground space is not provided at the operable part.	2	237
197418	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 surface 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 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.	2	237
197408	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 not greater than 1:20 (5%) and cross slopes not 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 (2.5%) 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 (8.33%) 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	672
197409	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. WASHINGTON: An exterior accessible route is not provided.	1	178
197430	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	Provide an exterior accessible route with running slopes not greater than 1:20 (5%) and cross slopes not 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 (2.5%) 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 (8.33%) 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.	2	478
197403	Old Fire Station Teen Center / EXTERIOR	Exterior 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 sills, 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 option, or integral combination lock.]	1	899

PHASE TWO BARRIERS					Priority	Cost Estimate
Barrier ID	Facility	Type	Detail and Resolution			
			A platform lift is required but not provided. Recording Studio Install a platform lift. Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and with handrails shall be permitted to have self-closing doors or gates.] If platform lifts are used, they shall conform with the applicable safety regulations of administrative authorities 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 more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors; 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.	1	22525	
197363	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Handrails are not compliant. Recording Studio Install compliant handrails on both sides of the stairway. Install 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 top 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 state 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 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 the barrier is required if the runs are part of the required accessible means of egress from the accessible space, per emergency egress plan approved by the administering local authority.	1	815	
197364	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Recording Studio Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located on the right of the right hand door. Where there is no wall space at the latch 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.]	1	815	
197353	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Recording Studio Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 34" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 6; and 44" for ages 7 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 6; and 16" for ages 7 to 12.]	2	400	
197368	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Relocate the equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	290	
197370	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The work surface height is not compliant. Knee and toe clearances are not provided. Recording Studio - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 4" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Toe 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 futons for personal grooming.	1	1030	
197366	Old Fire Station Teen Center / INTERIOR	Common Areas	The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio - Sound Booth Door Relocate equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	2	1030	
197367	Old Fire Station Teen Center / INTERIOR	Interior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Entrance 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 (8.33%) 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	1250	
197429	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 (8.33%) 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	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 rises exceeding 1/2" that are not surfaced with sloped surfaces. 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 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 30" 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 the arm that is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading 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 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 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.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	1000	
197415	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	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 (8.33%) 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	495	
197420	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 (8.33%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	7928	
197398	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 (8.33%) 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 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 (8.33%) 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	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	
197399	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths.	1	500	
197319	Old Fire Station Teen Center / INTERIOR	Interior Access Route	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. The work surface height is not compliant. Knee and toe clearances are not provided. Recording Studio - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 4" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Toe 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 futons for personal grooming.	1	688	
197320	Old Fire Station Teen Center / INTERIOR	Common Areas	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	2	4764	
197321	Old Fire Station Teen Center / INTERIOR	Interior Access Route	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	

PHASE TWO BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
			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, there is a second set of handrails with minimum 5" 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 new posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]	1	1304
199421	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 1:12 but not steeper than 1:8, the rise shall be 2" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 4" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.	1	12578
199422	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 2". 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. Top 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 where such extensions would be hazardous due to plan configuration.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces. 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 runs. 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 required landing area.]	1	10280
199423	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 and the stop, with the door swung open. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening with lower than 34" above the finish floor or ground. Projections into the clear opening with the stop shall be 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
199424	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.	1	0
199220	Old Fire Station Teen Center / INTERIOR	Interior Access Route	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	6000
197312	Old Fire Station Teen Center / INTERIOR	Common Areas	Stair 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 199220.	1	5040
197313	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 ramp runs. [EXCEPTIONS: 1. Extensions shall not be required where such extensions would be hazardous due to plan configuration.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces. 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 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.	1	3260
197315	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 doors with 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 degree open. 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 the 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 and measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	275
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 case 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
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	7800
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 the 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 and 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 clearances 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	2000
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.] 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.]	5	13000
197309	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; 47" for ages 5 to 8; and 44" for ages 9 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	220
197318	Old Fire Station Teen Center / INTERIOR	Interior Access Route	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	600
197323	Old Fire Station Teen Center / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom 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 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	1250
197324	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 used, the hardware shall be 34" minimum and 48" maximum above the finish floor or ground. [EXCEPTIONS: 1. Operating latches 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 latches 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	1250
197326	Old Fire Station Teen Center / INTERIOR	Restroom		1	293

PHASE TWO BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4, 40" for ages 5 to 8, and 44" for ages 9 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 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	1368
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 60.7 Dispensers: If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
197331	Old Fire Station Teen Center / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Unisex Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in the ambulatory accessible toilet compartment. 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 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
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 rear grab bar. 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. 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
197334	Old Fire Station Teen Center / INTERIOR	Restroom	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	Shower	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 minimum 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 occupied 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. 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 30" 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 9" 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 2" minimum. [EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.] Horizontal grab bars shall be installed in a horizontal position 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (112.2 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure.	3	1405
199232	Old Fire Station Teen Center / INTERIOR	Restroom	WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restroom Install compliant shower spray unit and controls in the roll-in shower. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall 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 minimum 5lbs of force to operate.	3	1405
201326	Public Safety Building / EXTERIOR	Exterior Access Route	Operable parts or items requiring 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 1100 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 high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. The high side reach shall be 48" maximum for a reach depth 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
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 fire detectors shall be permitted to be 54" maximum measured from the surface of the vehicular way where fire detectors 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 at a part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4, 40" for ages 5 to 8, and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4, 18" for ages 5 to 8, and 16" for ages 9 to 12.]	4	0
201198	Public Safety Building / INTERIOR	Interior Access Route	Means of egress signage is not provided. Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs 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 closed position and 45 degrees open. 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 "Y". 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 "Y". [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. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where 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 46" maximum above the finish floor or ground and the spout shall be located 15" minimum from the front edge of the unit, including bumpers. The spout shall be located 15" minimum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439
201275	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Corridor 287 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728

PHASE TWO BARRIERS					Priority	Cost Estimate
Barrier ID	Facility	Type	Detail and Resolution			
			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 separate grab bars, but not required. The specifications for children's 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: Line: 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". The accessible door with door closer shall be 5 seconds from 90 degrees to a position 12 degrees from latch.	3	1420	
201207	Public Safety Building / INTERIOR	Restroom	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 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.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase letter "O" to 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. The entire restroom is not compliant due to restroom dimensions.	3	110	
201225	Public Safety Building / INTERIOR	Restroom	Men's Restroom 141 & Women's Restroom 142 Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space at 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 measure 42" from the water closet, and extend 54" maximum 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 that 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 maximum 12" above 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. Toe Clearance: 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 plug 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 60" square minimum with arms of 36" minimum and each direction of travel shall be 48" 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 Clearance: 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 the restroom.]	3	24000	
201226	Public Safety Building / INTERIOR	Restroom	Men's Restroom 141 & Women's Restroom 142 Controls on dispensers are not compliant. Provide compliant controls and opening 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. The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate Men's Restroom 141 & Women's Restroom 142 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 24" maximum above the finish floor or ground provided the self-latching devices are not also self-latching devices and operated by means of a key, electronic opener, or integral combination lock.]	3	400	
201227	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom 141 & Women's Restroom 142 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 201236. The cost of this barrier removal is covered under ID 201236 and therefore, the cost of this ID is shown as 50. 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 20" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 40" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 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	586	
202764	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 20" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 40" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	0	
202820	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. 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 50. 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 20" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 40" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	200	
202821	Public Safety Building / INTERIOR	Restroom	Men's Restroom 178, 179, 180, 182 Relocate a shelf to 40" minimum and 48" maximum above finish floor.	3	150	
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 50. 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 20" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 40" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	0	
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 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.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase letter "O" to 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. Pipes are not insulated.	3	55	
201231	Public Safety Building / INTERIOR	Restroom	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 locker in a multi-lavatory restroom shall be a compliant lavatory. The locker area does not have accessible lockers.	3	130	
201232	Public Safety Building / INTERIOR	Restroom	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.] The locker area does not have a compliant bench.	3	1100	
201233	Public Safety Building / INTERIOR	Restroom	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 30" 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. The coat hook is not within an allowable reach range.	3	600	
201234	Public Safety Building / INTERIOR	Restroom	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 20" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 40" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115	

PHASE TWO BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
			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 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 48" in length. Grab bars shall be installed at 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 or measured to the top of the gripping surface, except that at water closets for children, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure.	3	1405
201235	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
201236	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. The grab bars at the water closet are not compliant. Men's Restroom 178, 179, 180, 182	3	313
201237	Public Safety Building / INTERIOR	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
201238	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 sills, 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 latches 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 operator, or integral combination lock.]	3	293
201239	Public Safety Building / INTERIOR	Restroom	The wheelchair stall door is not self-closing. Men's Restroom 178, 179, 180, 182	3	293
201240	Public Safety Building / INTERIOR	Restroom	Remove hinge hardware and replace with hardware which provides self-closing of the door. 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 45" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 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.]	3	500
201241	Public Safety Building / INTERIOR	Restroom	The force required to open the interior, hinged, non-free door is more than 5 pounds. Men's Restroom 259 & Women's Restroom 258 Adjust closer or replace with an closer that requires no more than 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 engage 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. 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 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 for 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, high 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 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 40" above finish floor.	3	732
201295	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	110
201296	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 sills, 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 latches 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 operator, or integral combination lock.] 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 45" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 45" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 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	130
201297	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. 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	586
201298	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. 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	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. 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	710
201300	Public Safety Building / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearance. 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	1420
201277	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	1250
201278	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	366
201279	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 sills, 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 latches 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 operator, or integral combination lock.] 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 45" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 45" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 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	130
201280	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. 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	586
201281	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. 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	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. 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	710

PHASE TWO BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
			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 flushed 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" minimum 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"; Ages 9 through 12-15"; 17"; Grab Bar Height: Ages 3 and 4-18"; Ages 4 and 18-20"; Ages 5 through 8-20"; Ages 9 through 12-25"; 27"; Dispenser Height: Ages 3 and 4-14"; Ages 5 through 8-14"; Ages 9 through 12-17"; 19"; 19]. The restroom does not have compliant signage at the wall 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 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.] Raised characters shall be as follows: Depth: Raised characters shall be 1/2" 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	1420
201276	Public Safety Building / INTERIOR	Restroom	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 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 10% as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	3	110
201335	Public Safety Building / EXTERIOR	Exterior 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.	1	5600
201204	Public Safety Building / EXTERIOR	Interior 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.	4	237
201205	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 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 shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisle 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 spaces they serve. Character Height: Projection shall be permitted to be 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.	3	237
201336	Public Safety Building / EXTERIOR	Exterior 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	3171
201321	Public Safety Building / INTERIOR	Interior Access Route	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 1 Strip 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 sign shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible." Provide a compliant vertical 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 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	2000
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 21" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish 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 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. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY: For children's Forward or Side Reach Ranges: High side reach (maximum): 36" for ages 3 to 4 and 40" for ages 5 to 12. Low side reach (minimum): 20" for ages 3 to 4, 16" for ages 5 to 8, and 15" for ages 9 to 12.]	1	1000
201347	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the wall 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 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.] Raised characters shall be as follows: Depth: Raised characters shall be 1/2" 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 side reach (maximum): 36" for ages 3 to 4 and 40" for ages 5 to 12. Low side reach (minimum): 20" for ages 3 to 4, 16" for ages 5 to 8, and 15" for ages 9 to 12.]	3	115
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 vertically 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 6-1/4" non-circular grip that has a perimeter dimension of 4" to a non-circular grip that has a perimeter dimension of 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. 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 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. 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 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	2008
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 201177 & 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 vertically 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" 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. 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 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 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
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 8.33% and 12.5% for maximum 6" rise. The maximum clear width of a ramp run shall be 44".	1	8006

PHASE TWO BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
			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 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 18" 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.		
201178	Public Safety Building / EXTERIOR	Exterior Access Route	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.	1	3490
201308	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	55
201309	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	65
201310	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: It is advisable, but not required, to use the specifications for children where children are the primary users of the obstruction is 10" maximum.] [Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 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
201311	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 15" 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 9 through 12 - 15"; Ages 9 through 12 - 15"; Toilet Seat Height: Ages 3 and 4 - 11" to 12"; Ages 5 through 8 - 12" to 15"; Ages 9 through 12 - 15"; 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
201312	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
201313	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Restroom 253 The flush control is located 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	630
201314	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	313
201315	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 a 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 17" 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 9 through 12 - 15"; Ages 9 through 12 - 15"; Toilet Seat Height: Ages 3 and 4 - 11" to 12"; Ages 5 through 8 - 12" to 15"; Ages 9 through 12 - 15"; 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
201316	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.	3	710
201317	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 sills, 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.]	2	150
201318	Public Safety Building / INTERIOR	Restroom	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 (8.33%) running slope, maximum ramp run rise of 30" landings at the top and bottom of the ramp run, hand side protection with 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. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 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	293
201175	Public Safety Building / EXTERIOR	Exterior Access Route	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. Staff Lounge 139A Controls throughout the common area are not compliant.	2	1664
201221	Public Safety Building / INTERIOR	Common Areas	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	720
201222	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.]	1	225
201223	Public Safety Building / INTERIOR	Common Areas	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 (S1) 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.	2	150
201174	Public Safety Building / EXTERIOR	Exterior Access Route	Stair 2 (S2) 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	Stair 2 (S2) 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. 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" 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 5" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish 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.]	3	633
201294	Public Safety Building / INTERIOR	Common 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. Existing locks shall be permitted in any location at existing glazed doors without sills, 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.]	4	250
201288	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	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.] 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.]	1	728
201273	Public Safety Building / INTERIOR	Interior Access Route		2	93000

PHASE TWO BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201185	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Unixest 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.] The coat hook is not within an allowable reach range. Unixest 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	200
201186	Public Safety Building / INTERIOR	Restroom	Unixest Restroom 111 Relocate a shelf to 40" minimum and 48" maximum above finish floor. The flush control is located on the closed side and/or is not within reach range. Unixest 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. The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unixest 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. [EXCEPTION: 1. A water closet in a toilet room for a single occupant accessible 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 18". Grab Bar Height: Ages 3 and 4- 12" to 15"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27". Dispenser Height: Ages 3 and 4- 14" to 18"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 18".	3	115
201187	Public Safety Building / INTERIOR	Restroom	Unixest Restroom 111 Relocate a shelf to 40" minimum and 48" maximum above finish floor. The flush control is located on the closed side and/or is not within reach range. Unixest 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. The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unixest 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. [EXCEPTION: 1. A water closet in a toilet room for a single occupant accessible 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 18". Grab Bar Height: Ages 3 and 4- 12" to 15"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27". Dispenser Height: Ages 3 and 4- 14" to 18"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 18".	3	180
201188	Public Safety Building / INTERIOR	Restroom	Unixest Restroom 111 Relocate a shelf to 40" minimum and 48" maximum above finish floor. The flush control is located on the closed side and/or is not within reach range. Unixest 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. The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unixest 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. [EXCEPTION: 1. A water closet in a toilet room for a single occupant accessible 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 18". Grab Bar Height: Ages 3 and 4- 12" to 15"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27". Dispenser Height: Ages 3 and 4- 14" to 18"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 18".	3	313
201189	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unixest 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" maximum and 36" maximum above the finish floor.]	3	630
201190	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unixest 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" maximum and 36" maximum above the finish floor.]	3	293
201191	Public Safety Building / INTERIOR	Restroom	Unixest Restroom 111 Install compliant grab bars. Grab bars shall be installed in a horizontal position at a 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 18". Grab Bar Height: Ages 3 and 4- 12" to 15"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27". Dispenser Height: Ages 3 and 4- 14" to 18"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 18".	3	710
201192	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unixest 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. 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 4-12" maximum.]	3	355
201129	Public Safety Building / INTERIOR	Interior Access Route	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.]	1	728
201217	Public Safety Building / INTERIOR	Common Areas	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.	2	1804
201307	Public Safety Building / INTERIOR	Interior Access Route	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. 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" maximum and 36" maximum above the finish floor.]	1	1250
201255	Public Safety Building / INTERIOR	Restroom	Women's Restroom 121 Adjust closer or replace with a closer that requires no more than 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. 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	313
201256	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom 121 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" maximum 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 a closer that requires no more than 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. 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	366
201216	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom 121 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" maximum and 36" maximum above the finish floor.]	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 restroom signs shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located along the latch side of the door with an actuator on the latch side. Where a tactile sign is provided at double doors with two active leads, 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 or ground surface, measured from the baseline of the upper case letter, 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 48" above finish floor. Pipes are not insulated. Women's Restroom 167, 168, 169, 171, 172, 173	3	55
201258	Public Safety Building / INTERIOR	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 stall shall be a compliant lavatory. 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	130
201259	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 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" maximum and 36" maximum above the finish floor.]	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	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 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" maximum and 36" maximum above the finish floor.]	3	293
201262	Public Safety Building / INTERIOR	Restroom	Remove hardware at the wheelchair stall door is not self closing. Women's Restroom 167, 168, 169, 171, 172, 173 Install door pull 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 from 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 locking devices and operated by means of a key, electronic opening, 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	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 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" maximum and 36" maximum above the finish floor.]	3	313

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. 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.] When grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	991
201050	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Access Route From P1 to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	3567
201082	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Administration Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	676
201084	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Administration Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	366

THREE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201061	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Building 1 Main Entrance Door Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
202484	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Building 1 Main Entrance Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	366
202485	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Building 1 Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	366
201058	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Curb Ramp CR1 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	1	1750
201089	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The clear width of the exterior accessible route is less than 44". East Elevation - Route Adjacent to Administration Exterior Door Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	554
201088	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The clear width of the exterior accessible route is less than 44". East Elevation - Route from RP1 to offices Exterior Doors Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	0
201104	Building 1-Public Works MOC / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Employees Break-Room Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	720
201105	Building 1-Public Works MOC / INTERIOR	Common Areas	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Employees Break-Room Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	5439

THREE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201139	Building 1-Public Works MOC / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Employees Break-Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
203043	Building 1-Public Works MOC / INTERIOR	Kitchen	The height of the counter is greater than 34". Employees Break-Room Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	1986
201140	Building 1-Public Works MOC	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Exterior Patio Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
201083	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Main Entrance Door Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility,	1	120
201124	Building 1-Public Works MOC / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	55
201125	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
201126	Building 1-Public Works MOC / INTERIOR	Restroom	The side grab bar is not compliant in the wheelchair stall. Men's Restroom Remove and install a compliant side grab bar in the wheelchair stall. The top of the gripping surface of horizontal grab bars shall be located minimum 33" and maximum 36" above the finished floor. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. A continuous grab bar is allowable in lieu of two grab bars (one side and one rear). [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	355
201127	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
201128	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: The paper towel dispenser or dryer location is not compliant. Men's Restroom Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum = Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].	3	200
201129	Building 1-Public Works MOC / INTERIOR	Restroom	The wheelchair stall door is not self closing. Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	293

THREE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201130	Building 1-Public Works MOC / INTERIOR	Restroom	The urinal dimensions are not compliant. Men's Restroom Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges.	3	935
201131	Building 1-Public Works MOC / INTERIOR	Restroom	The lavatory does not have the required knee clearance. Men's Restroom Relocate the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	3	720
201132	Building 1-Public Works MOC / INTERIOR	Restroom	The shelf is not located between 40" minimum and 48" maximum above finish floor. Men's Restroom Relocate a shelf to 40" minimum and 48" maximum above finish floor.	3	200
201133	Building 1-Public Works MOC / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	200
201134	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Men's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]	5	7181
201135	Building 1-Public Works MOC / INTERIOR	Restroom	The door has less than 32" clear width. Men's Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	5	1124
201136	Building 1-Public Works MOC / INTERIOR	Restroom	The required clearance at the entry to the transfer stall is not provided. Men's Restroom Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.	5	3000
201137	Building 1-Public Works MOC / INTERIOR	Locker and Dressing Rooms	The locker room does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	789

THREE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202487	Building 1-Public Works MOC / INTERIOR	Restroom	The locker area does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	5	500
201092	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. North Corridor Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	366
201093	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". North Corridor Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	676
201095	Building 1-Public Works MOC / EXTERIOR	Site Furnishings	A trash receptacle is not located on an accessible route and within reach range. North Elevation Trash Receptacles Relocate the existing trash receptacle to either the edge of an accessible route or on the accessible route so that the receptacle opening is within reach range. Where a space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	2000
201051	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	5000
201052	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking lot P1 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	280
201054	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1400
201055	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Van accessible access aisle will be 96" wide with measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	5000
201057	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	6300
201066	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1400

THREE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201094	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	<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 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.]</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 Coner Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	1189
202248	King County Commuter Parking	Accessible Parking	The slope of the parking space is greater than 1:50 (2%). Parking Lot - Stall P1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	6300
202251	King County Commuter Parking	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking Lot - Stall P2 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	6300
202252	King County Commuter Parking	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Parking Lot to Bus Stop - Southeast Corner Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	1200

THREE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
201169	Municipal Campus Parking Garage / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201170. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750
201170	Municipal Campus Parking Garage / EXTERIOR	Exterior Access Route	WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201169. The cost of this barrier removal is covered under ID 201169 and therefore, the cost of this ID is shown as \$0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.]	1	0
201172	Municipal Campus Parking Garage / EXTERIOR	Exterior Access Route	WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Curb Ramp 2 (CR2) & Curb Ramp 3 (CR3) Remove the detectable warning with truncated domes, and install a compliant detectable warning. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps].	1	1280
202237	Municipal Campus Parking Garage / EXTERIOR	Accessible Parking	The minimum number of accessible parking spaces is not provided. Parking Ramp Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 203056 & 202238. The cost to repair this barrier is included in the other barriers. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility. Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2 % of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars)	1	0
202238	Municipal Campus Parking Garage / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Ramp Provide 2 additional van accessible parking stalls. Stripe with a compliant accessible van stall and access aisle. This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 203056 & 202237. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	2800
202243	Municipal Campus Parking Garage / EXTERIOR	Accessible Parking	Accessible parking spaces are not at the nearest accessible entrance. Parking Ramp Relocate and/or provide additional accessible parking so it is located closest to the nearest entrance on an accessible route. This barrier must be removed in conjunction with barrier ID 203053, 203055, 203056, 202237 & 202238. The cost to repair this barrier is included in the other barriers. Parking spaces for disabled people and accessible passenger loading zones that serve a particular building shall be the spaces or zones located closest to the nearest accessible entrance on an accessible route. Compliant parking spaces that serve a particular building or facility shall be located on the shortest accessible route from parking to a compliant entrance. Where parking serves more than one accessible entrance, compliant parking spaces shall be dispersed and located on the shortest accessible route to the accessible entrances. In parking facilities that do not serve a particular building or facility, compliant parking spaces shall be located on the shortest accessible route to an accessible pedestrian entrance of the parking facility. [EXCEPTIONS: 1. All van parking spaces shall be permitted to be grouped on one level within a multi-story parking facility. 2. Parking spaces shall be permitted to be located in different parking facilities if substantially equivalent or greater accessibility is provided in terms of distance from an accessible entrance or entrances, parking fee, and user convenience.]	1	0
203053	Municipal Campus Parking Garage / EXTERIOR	Accessible Parking	A standard accessible stall is not provided. Parking Ramp Provide a standard accessible stall with an aisle at a location closest to an accessible facility entrance. This barrier must be removed in conjunction with barrier ID 202243, 203055, 203056, 202237 & 202238. The minimum width of a standard stall is 96". The width of an aisle serving a standard accessible stall shall be 60" minimum. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.	1	1440
203055	Municipal Campus Parking Garage / EXTERIOR	Accessible Parking	WASHINGTON: Compliant signage is not provided at the standard space. Parking Ramp Provide a mounted sign for an accessible standard car stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID 202243, 203053, 203056, 202237 & 202238. The ISA shall be white on a blue background. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	840
203056	Municipal Campus Parking Garage / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not provided. Parking Ramp Provide a compliant vertical car accessible access aisle sign indicating "No Parking". This barrier must be removed in conjunction with barrier ID 202243, 203053, 203055, 202237 & 202238. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	560
202239	Municipal Campus Parking Garage / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not provided. Parking Ramp Level 2 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	560

THREE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202241	Municipal Campus Parking Garage / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Southeast Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
202231	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	Handrail extensions are not compliant. Southeast Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	2282
202232	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southeast Stair Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	1456
202229	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	The height of the interior accessible route is less than 80" AFF. Southwest & Southeast Stair Ensure minimum vertical clearance of 80" is provided, unless a barrier or guardrail is installed to warn blind or visually impaired persons. The leading edge of such a barrier or guardrail shall be located 27" maximum above finish floor.	1	1456
202244	Municipal Campus Parking Garage / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Southwest Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. This barrier must be removed in conjunction with barrier ID 202236 & 202245. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
202245	Municipal Campus Parking Garage / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Southwest Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 202236 & 202244. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
202236	Municipal Campus Parking Garage / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than 1/2" in height. Southwest Entrance Remove and replace with a threshold that is 1/2" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 202245 & 202244. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	179
202228	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	Handrail extensions are not compliant. Southwest Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	2119
202230	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southwest Stair Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	2184

THREE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202235	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	<p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Southwest Stair - Level 1 Elevator & Stair Lobby</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p>	1	728
202233	Municipal Campus Parking Garage / EXTERIOR	Exterior Access Route	<p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route.</p> <p>Southwest Stair- Level 4 Elevator & Stair Access</p> <p>Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.]</p>	1	728
PHASE THREE TOTAL					\$ 415,829

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204143	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The platform lift is not compliant. 1st & 2nd Floor Offices East of Apparatus Bay Install a compliant platform lift. Provide a platform lift which does not require keyed operation. Platform lifts shall not be attendant-operated. Platform lifts shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.	5	22525
204137	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	400
204138	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".	5	1260
204139	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	5	710
204140	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The water closet in a wheelchair stall in a multi-stall restroom does not have the required clearance. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Relocate the dispenser to provide the required clearance at the water closet. This barrier must be removed in conjunction with barrier ID 204141 & 204142. The cost of this barrier removal is covered under ID 204142 and therefore, the cost of this ID is shown as \$0. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required water closet clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. The wheelchair stall size for a floor mounted water closet shall be minimum 60" wide and minimum 59" deep. The wheelchair stall size for a wall-hung water closet shall be minimum 60" wide and minimum 56" deep. The wheelchair stall in multi-stall restrooms primarily for children's use ages 3 to 12 shall be minimum 60" wide and minimum 59" deep for both wall-hung and floor mounted water closets. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".	5	0
204141	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The height of controls are not compliant. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204140 & 204142. The cost of this barrier removal is covered under ID 204142 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	0
204142	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Controls on dispensers are not compliant. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204141 & 204140. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	400
204083	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Admin Area Relocate object or install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	5	728

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204074	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Admin Area Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	5439
204075	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Admin Area Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	5	728
204131	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Maneuvering clearance at the door is not level and clear. Apparatus Bay from Firefighters Office Area Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 in any direction. This barrier must be removed in conjunction with barrier ID 204132. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	1250
204132	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Firefighters Office Area Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204131. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	1250
204133	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The bottom of the door vision light is higher than 43" and less than 66". Apparatus Bay from Firefighters Office Area Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]	5	2600
204134	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Maneuvering clearance at the door is not level and clear. Apparatus Bay from Media Room Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 in any direction. This barrier must be removed in conjunction with barrier ID 204135. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	1250
204135	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Media Room Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204134. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	1250
204130	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The rear of the stairs is open. Apparatus Bay Stairs Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground.	1	1456
204136	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Apparatus Bay to 2nd Floor Offices All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.	5	4896
204069	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Break Room (Admin Area) Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	5	55
204070	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Break Room (Admin Area) Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	500

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204071	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Break Room (Admin Area) Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	200
204072	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Break Room (Admin Area) Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	720
204073	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Break Room (Admin Area) Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	225
204086	Fire Station 11 and Old Medic One Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Conference Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	2000
204089	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Conference Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	5	1456
204149	Fire Station 11 and Old Medic One Building / EXTERIOR	Exterior Access Route	A compliant parallel curb ramp is not provided. Curb Ramp 1 (CR1) Replace the standard curb ramp with a parallel curb ramp. This barrier must be removed in conjunction with barrier ID 204150. The bottom landing clear width at the bottom of the curb ramp runs shall be 60" minimum to allow for a 90 degree turn. The top landings shall be minimum 36" deep in the direction of travel. The slope of the landings, where the landing connects to a sidewalk aligned perpendicular or angled to the curb ramp run requiring a wheelchair turn, shall be maximum 1:48 (2.08%). The slope of the landing shall be maximum 1:48 (2.08%). The curb ramp should be removed and replaced with a compliant ramp with no greater than the maximum allowable slopes of a ramp. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 (8.33%) maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. In facilities built before 1/26/92, the running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".]	1	1750
204150	Fire Station 11 and Old Medic One Building / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp 1 (CR1) Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. This barrier must be removed in conjunction with barrier ID 204149. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	179

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204224	Fire Station 11 and Old Medic One Building / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. An electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headset jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	5	2000
204117	Fire Station 11 and Old Medic One Building / INTERIOR	Transient Lodging	The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room.	5	12000
204145	Fire Station 11 and Old Medic One Building / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. East Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	1250
204055	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	385
204122	Fire Station 11 and Old Medic One Building / INTERIOR	Employee Work Areas	The accessible door does not have the required PULL SIDE maneuvering clearances. Firefighters Office Redesign to provide the required maneuvering clearance at the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	1250
204093	Fire Station 11 and Old Medic One Building / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	400
204094	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	The combination refrigerator/freezer does not have at least 50% of the freezer space 54" maximum above the finish floor or ground. Kitchen Replace the combination refrigerator/freezer with a model that has at least 50% of the freezer space 54" maximum above the finish floor or ground.	5	1000
204095	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	720

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204097	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate.	5	240
204098	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	Items requiring a reach motion are not within compliant reach ranges. Kitchen Ensure at least one of each type of dispenser is within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	200
204099	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204098. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	450
204118	Fire Station 11 and Old Medic One Building / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	225
204119	Fire Station 11 and Old Medic One Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	200
204101	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Media Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	500
204146	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The mirror is mounted higher than 35" above finish floor to the bottom of the reflective surface, where it is not installed above a lavatory or counter. Men's & Women's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	400
204076	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom (Admin Area) Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	200
204077	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom (Admin Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	200

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204078	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom (Admin Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	200
204079	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom (Admin Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	115
204080	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom (Admin Area) Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	5	355
204081	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's Restroom (Admin Area) Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".]	5	630
204082	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The rear grab bar at the water closet is not compliant. Men's Restroom (Admin Area) Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".]	5	355
204102	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The force required to open the interior, hinged, non-fire door is more than 5 pounds. Men's Restroom (Dorm Area) Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.	5	366
204103	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom (Dorm Area) Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	115

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204104	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>The lavatory does not have the required knee clearance.</p> <p>Men's Restroom (Dorm Area)</p> <p>Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p> <p>Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".</p>	5	720
204105	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.</p> <p>Men's Restroom (Dorm Area)</p> <p>Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]</p>	5	200
204106	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>The height of controls are not compliant.</p> <p>Men's Restroom (Dorm Area)</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204107. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> <p>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	5	200
204107	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>Controls on dispensers are not compliant.</p> <p>Men's Restroom (Dorm Area)</p> <p>Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204106. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p>	5	200
204108	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall.</p> <p>Men's Restroom (Dorm Area)</p> <p>Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p>	5	630
204109	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	<p>The grab bars at the water closet are not compliant.</p> <p>Men's Restroom (Dorm Area)</p> <p>Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p>	5	710

PHASE FOUR BARRIERS					
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
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 above the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	5500
202285	Fire Station 16 and Shop Building / INTERIOR	Restroom	Where provided, shelves are not located within 40" - 48" above the finished floor. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf.	3	400
202286	Fire Station 16 and Shop Building / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	600
202287	Fire Station 16 and Shop Building / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]	3	14362
202288	Fire Station 16 and Shop Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202263	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Fire Station- Public Entrance Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. This barrier must be removed in conjunction with barrier ID 202264. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.]	1	728
202264	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	Operable parts or items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Fire Station- Public Entrance Remove and lower to a compliant reach range. This barrier must be removed in conjunction with barrier ID 202263. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" (380 mm) minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	350
202265	Fire Station 16 and Shop Building / INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Fire Station- Public Entrance Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	2	2600
202269	Fire Station 16 and Shop Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Fire Station- Public Unisex Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	200
202270	Fire Station 16 and Shop Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Fire Station- Public Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
202271	Fire Station 16 and Shop Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Fire Station- Public Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
202272	Fire Station 16 and Shop Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Fire Station- Public Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
202273	Fire Station 16 and Shop Building / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Fire Station- Public Unisex Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	630

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202274	Fire Station 16 and Shop Building / INTERIOR	Restroom	The water closet in a single user / unisex restroom does not have the required clearance. Fire Station- Public Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	1368
202277	Fire Station 16 and Shop Building / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Fire Station- Reception Area Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	55
202266	Fire Station 16 and Shop Building / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Fire Station- Reception Area Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	1804
202267	Fire Station 16 and Shop Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Fire Station- Reception Area Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	500
202268	Fire Station 16 and Shop Building / INTERIOR	Interior Access Route	The bottom of the door vision light is higher than 43" and less than 66". Fire Station- Throughout Building Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]	2	13000
202275	Fire Station 16 and Shop Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Fire Station- Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	7500
202276	Fire Station 16 and Shop Building / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Fire Station- Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	2700

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202292	Fire Station 16 and Shop Building / INTERIOR	Restroom	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Fire Station- Women's Restroom/Shower Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	293
202327	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	The gate does not have a smooth surface within 10" of the ground. Gate 1 (G1) Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	160
202317	Fire Station 16 and Shop Building / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Maintenance Facility - Kitchenette Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	720
202318	Fire Station 16 and Shop Building / INTERIOR	Kitchen	The height of controls throughout the common area are not compliant. Maintenance Facility - Kitchenette Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	173
202319	Fire Station 16 and Shop Building / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Maintenance Facility - Kitchenette Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	300
202320	Fire Station 16 and Shop Building / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Maintenance Facility - Kitchenette Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	450
202322	Fire Station 16 and Shop Building / INTERIOR	Interior Access Route	The bottom of the door vision light is higher than 43" and less than 66". Maintenance Facility - Kitchenette & Office Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]	2	5200
202306	Fire Station 16 and Shop Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Maintenance Facility - Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	55
202307	Fire Station 16 and Shop Building / INTERIOR	Restroom	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Maintenance Facility - Men's Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	586
202308	Fire Station 16 and Shop Building / INTERIOR	Restroom	The height of controls are not compliant. Maintenance Facility - Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	200

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202309	Fire Station 16 and Shop Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Maintenance Facility - Men's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	293
202310	Fire Station 16 and Shop Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Maintenance Facility - Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
202311	Fire Station 16 and Shop Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Maintenance Facility - Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
202312	Fire Station 16 and Shop Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Maintenance Facility - Men's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
202313	Fire Station 16 and Shop Building / INTERIOR	Restroom	The locker area does not have accessible lockers. Maintenance Facility - Men's Restroom Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	330
202314	Fire Station 16 and Shop Building / INTERIOR	Restroom	The locker area does not have a compliant bench. Maintenance Facility - Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	500
202315	Fire Station 16 and Shop Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Maintenance Facility - Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202316	Fire Station 16 and Shop Building / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Maintenance Facility - Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab 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					
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202305	Fire Station 16 and Shop Building / INTERIOR	Interior Access Route	<p>Handrail extensions are not compliant.</p> <p>Maintenance Facility - Stair</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 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	326
202258	Fire Station 16 and Shop Building / EXTERIOR	Accessible Parking	<p>WASHINGTON: A compliant 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
202304	Fire Station 16 and Shop Building / 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	1400
202479	Fire Station 16 and Shop Building / EXTERIOR	Accessible Parking	<p>WASHINGTON: A van stall, access aisle, and signage are not provided.</p> <p>Parking Lot 3</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	1400
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)</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
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)</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
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)</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	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

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Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203423	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	<p>Less than minimum one of each type of operable part is within reach range.</p> <p>Kitchen</p> <p>Install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p> <p>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	2	400
203424	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	<p>The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space.</p> <p>Kitchen</p> <p>Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p>	5	1688
203425	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	<p>The oven does not have an adjacent work surface which is a minimum height of 28" and maximum height of 34", or an adjustable work surface ranging from minimum 29" to 36" maximum.</p> <p>Kitchen</p> <p>Remove and install a kitchen work surface adjacent to the oven that is maximum 34" height or an adjustable work surface which can be adjusted from minimum 29" to maximum 36". The work surface shall be positioned adjacent to the latch side of a side-hinged oven door, or adjacent to one side of a bottom-hinged oven door. Modify or replace counter to provide a minimum 30" wide section with maximum height 34" with knee and toe clearance adjacent to the oven. The work surface shall also have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.</p>	5	2382
203426	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	<p>Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor.</p> <p>Kitchen</p> <p>Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	5	900
203428	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	<p>The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).</p> <p>Kitchen</p> <p>Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.</p>	5	720
203429	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	<p>The height of controls throughout the common area are not compliant.</p> <p>Kitchen</p> <p>Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.</p>	5	400
203439	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Entrance to Building	<p>The maneuvering clearance at the accessible door is not level and clear.</p> <p>Medic Station Entrance</p> <p>Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p>	1	1250
203419	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	<p>Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor.</p> <p>Rec Room</p> <p>Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.]</p> <p>[ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	5	300

PHASE FOUR BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203437	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Exterior Access Route	<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				5	\$ 399,482

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204208	Fire Station 12 / INTERIOR	Interior Access Route	The rear of the stairs is open. Apparatus Bay Stair Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground.	1	\$ 728
204175	Fire Station 12 / INTERIOR	Transient Lodging	The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room.	5	\$ 12,000
204231	Fire Station 12 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	5	\$ 2,000
204172	Fire Station 12 / INTERIOR	Interior Access Route	Means of egress signage is not provided. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55% minimum and 110% maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	3	\$ 110
204186	Fire Station 12 / INTERIOR	Interior Access Route	The threshold at the accessible door is greater than ½" in height. Fitness Room Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	5	\$ 179
204209	Fire Station 12 / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximum under an element at 9 inches above the floor. Where knee clearance is required beneath an element as part of a clear floor space, the knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. Between 9 inches and 27 inches above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch in depth for each 6 inches in height. Knee clearance shall be 30 inches minimum in width. The dip of the overflow shall not be considered in determining knee and toe clearances. [EXCEPTIONS: 1. A parallel approach complying with Section 305 and centered on the sink, shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided. 2. The requirement for knee and toe clearance shall not apply to a lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use. 3. A knee clearance of 24 inches minimum above the floor shall be permitted at lavatories and sinks used primarily by children ages 6 through 12 where the rim or counter surface is 31 inches maximum above the floor. 4. A parallel approach and centered on the sink, shall be permitted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	\$ 720

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204210	Fire Station 12 / INTERIOR	Kitchen	The height of controls throughout the common area are not compliant. Kitchen Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 204211. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	\$ 1,000
204211	Fire Station 12 / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 204210. The cost of this barrier removal is covered under ID 204210 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	\$ -
204212	Fire Station 12 / INTERIOR	Kitchen	Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate.	5	\$ 240
204213	Fire Station 12 / INTERIOR	Kitchen	Less than minimum one of each type of operable part is within reach range. Kitchen Provide redundant controls or install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 1,200
204196	Fire Station 12 / INTERIOR	Common Areas	Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Laundry Room Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate.	5	\$ 1,600
204197	Fire Station 12 / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Laundry Room & Unisex Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	5	\$ 586
204177	Fire Station 12 / INTERIOR	Restroom	The provided signage is not mounted at the latch side of the door. Men's Restroom Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	5	\$ 55
204178	Fire Station 12 / INTERIOR	Restroom	The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	\$ 720
204179	Fire Station 12 / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	\$ 200

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204180	Fire Station 12 / INTERIOR	Restroom	<p>The height of controls are not compliant. Men's Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204181. The cost of this barrier removal is covered under ID 204181 and therefore, the cost of this ID is shown as \$0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	5	\$ -
204181	Fire Station 12 / INTERIOR	Restroom	<p>Controls on dispensers are not compliant. Men's Restroom</p> <p>Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204180. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p>	5	\$ 200
204182	Fire Station 12 / INTERIOR	Restroom	<p>A wheelchair stall is not provided in a multi-user restroom. Men's Restroom</p> <p>Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.</p>	5	\$ 2,750

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204183	Fire Station 12 / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p>	5	\$ 7,181
204184	Fire Station 12 / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	5	\$ 115
204185	Fire Station 12 / INTERIOR	Restroom	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Men's Restroom</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p>	5	\$ 1,250
204219	Fire Station 12 / EXTERIOR	Exterior Access Route	<p>A compliant accessible route is not provided from accessible parking to the public facility entrance.</p> <p>Parking Lot 1</p> <p>Remove curb blocks to allow for an accessible route with no more than 1:50 (2%) cross or 1:20 (5%) running slopes. An accessible route with a running slope greater than 1:20 is a ramp. [EXCEPTION: Cross slopes not greater than 1:48 are permitted]. The minimum clear width of an accessible route is 36". At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. [EXCEPTION: An accessible route shall not be required between accessible buildings, accessible facilities, accessible elements, and accessible spaces if the only means of access between them is a vehicular way not providing pedestrian access.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p>	1	\$ 44
204216	Fire Station 12 / EXTERIOR	Accessible Parking	<p>WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant.</p> <p>Parking Lot 1 - Stall P1</p> <p>Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p>	1	\$ 11,300

PHASE FIVE BARRIERS					
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.</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

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.</p> <p>Unisex Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p>	5	\$ 7,181
204944	Fire Station 12 / INTERIOR	Restroom	<p>The centerline of the toilet in the ambulatory stall is not 17" minimum to 19" maximum from the sidewall.</p> <p>Unisex Restroom</p> <p>Provide a water closet with centerline 17" minimum to 19" maximum from the side wall or partition in the ambulatory stall. The water closet shall be positioned with a wall or partition to the rear and to one side. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].</p>	3	\$ 630
204232	Fire Station 12 / INTERIOR	Restroom	<p>The flush control is located on the closed side and/or is not within reach range.</p> <p>Women's Restroom</p> <p>Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.</p>	5	\$ 313
204188	Fire Station 12 / INTERIOR	Restroom	<p>The provided signage is not mounted at the latch side of the door.</p> <p>Women's Restroom</p> <p>Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p>	5	\$ 55
204189	Fire Station 12 / INTERIOR	Restroom	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Women's Restroom</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p>	5	\$ 1,250
204190	Fire Station 12 / INTERIOR	Restroom	<p>Controls on dispensers are not compliant.</p> <p>Women's Restroom</p> <p>Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.</p>	5	\$ 200
204191	Fire Station 12 / INTERIOR	Restroom	<p>WASHINGTON: The toilet paper dispenser location is not compliant.</p> <p>Women's Restroom</p> <p>Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]</p>	5	\$ 293

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204192	Fire Station 12 / INTERIOR	Restroom	The rear grab bar at the water closet is not compliant. Women's Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	\$ 355
204193	Fire Station 12 / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	5	\$ 355
204194	Fire Station 12 / INTERIOR	Restroom	The water closet in a single user / unisex restroom does not have the required clearance. Women's Restroom Relocate shelving to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	\$ 500
204195	Fire Station 12 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 115
200260	Fire Station 13 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorm Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dB or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	3	\$ 2,000
200262	Fire Station 13 / INTERIOR	Transient Lodging	The clear floor space at the bed is not compliant. Dorm Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.]	2	\$ 400

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200278	Fire Station 13 / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. Employee Entrance Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	\$ 179
200239	Fire Station 13 / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Entrance Lobby Provide a compliant counter. This barrier must be removed in conjunction with barrier ID 203062. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	\$ 1,804
200240	Fire Station 13 / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Entrance Lobby Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	\$ 55
203062	Fire Station 13 / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entrance Lobby Install cane detectors. This barrier must be removed in conjunction with barrier ID 200239. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728
200263	Fire Station 13 / INTERIOR	Interior Access Route	Vertical level changes between 1/4" and 1/2" high are not beveled or vertical level changes greater than 1/2" high are not ramped. Exercise Room The area should be removed and repaired. Vertical changes in level 1/4" high maximum shall be permitted to be vertical. Vertical changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Vertical changes in level greater than 1/2" shall be ramped. [ADVISORY: A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with ramp or curb ramp requirements].	1	\$ 54
200243	Fire Station 13 / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Interior Corridor Install cane detectors. This barrier must be removed in conjunction with barrier ID 203063. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728
200244	Fire Station 13 / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Interior Corridor Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	\$ 500
203063	Fire Station 13 / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Interior Corridor Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200243. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	\$ 500
200562	Fire Station 13 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200271. The cost of this barrier removal is covered under ID 200271 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ -
200267	Fire Station 13 / INTERIOR	Kitchen	Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Kitchen Replace appliance controls with units that can be operated with one hand. This barrier must be removed in conjunction with barrier ID 200268. The cost of this barrier removal is covered under ID 200268 and therefore, the cost of this ID is shown as \$0. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate.	4	\$ -

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200268	Fire Station 13 / INTERIOR	Kitchen	The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. This barrier must be removed in conjunction with barrier ID 200267. The location of controls shall not require reaching across burners.	4	\$ 759
200269	Fire Station 13 / INTERIOR	Kitchen	Less than 5% or at least one of each type of sink is not accessible. Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	\$ 720
200270	Fire Station 13 / INTERIOR	Kitchen	The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	2	\$ 5,958
200271	Fire Station 13 / INTERIOR	Kitchen	Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200271. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 2,196
200274	Fire Station 13 / INTERIOR	Interior Access Route	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	\$ 720
200277	Fire Station 13 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 1,098
200887	Fire Station 13 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 800

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200257	Fire Station 13 / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant. Men's & Women's Restroom</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	<p>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</p> <p>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"].</p>	3	\$ 2,736
200250	Fire Station 13 / INTERIOR	Restroom	<p>The grab bars at the water closet are not compliant. Men's & 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	\$ 1,420
200560	Fire Station 13 / INTERIOR	Restroom	<p>The height of controls are not compliant. Men's Restroom</p> <p>Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 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.]</p>	3	\$ -
200237	Fire Station 13 / EXTERIOR	Accessible Parking	<p>WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot</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
200264	Fire Station 13 / EXTERIOR	Entrance to Building	<p>The accessible door has less than 32" clear width. 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. 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
200265	Fire Station 13 / EXTERIOR	Entrance to Building	<p>The threshold at the accessible door is greater than ½" in height. Patio</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
200238	Fire Station 13 / EXTERIOR	Entrance to Building	<p>The maneuvering clearance at the accessible door is not level and clear. Public 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	\$ 1,250

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200242	Fire Station 13 / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Throughout Building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	\$ 7,500
200266	Fire Station 13 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 375
200256	Fire Station 13 / INTERIOR	Restroom	The hardware at the accessible door (including sliding doors - both sides) is mounted above 48". Women's Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	\$ 586
200251	Fire Station 13 / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Women's Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	\$ 313
200463	Fire Station 14 / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Apparatus Bay Install cane detectors. This barrier must be removed in conjunction with barrier ID 200583 & 200584. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	5	\$ 728
200464	Fire Station 14 / INTERIOR	Employee Work Areas	Controls throughout the common area are not compliant. Apparatus Bay Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 225
200583	Fire Station 14 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Apparatus Bay Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200463 & 200584. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 225
200584	Fire Station 14 / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Apparatus Bay Remove and lower the element to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200463 & 200583. The cost of this barrier removal is covered under ID 200583 and therefore, the cost of this ID is shown as \$0. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	\$ -
200460	Fire Station 14 / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Corridor Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 1,250

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200430	Fire Station 14 / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	\$ 165
200437	Fire Station 14 / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Corridor Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 55
200579	Fire Station 14 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorm Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	3	\$ 2,000
200439	Fire Station 14 / INTERIOR	Transient Lodging	The clear floor space at the bed is not compliant. Dorm Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.]	2	\$ 400
200420	Fire Station 14 / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Entry Lobby Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	\$ 1,804
200455	Fire Station 14 / INTERIOR	Kitchen	Less than 5% or at least one of each type of sink is not accessible. Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	\$ 720
200456	Fire Station 14 / INTERIOR	Kitchen	The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.	4	\$ 759

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200457	Fire Station 14 / INTERIOR	Kitchen	The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	2	\$ 1,986
200458	Fire Station 14 / INTERIOR	Kitchen	Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200459. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 2,196
200459	Fire Station 14 / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200458. The cost of this barrier removal is covered under ID 200458 and therefore, the cost of this ID is shown as \$0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ -
200582	Fire Station 14 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 200436. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	\$ 225
200434	Fire Station 14 / INTERIOR	Common Areas	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	5	\$ 720
200436	Fire Station 14 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 200582. The cost of this barrier removal is covered under ID 200582 and therefore, the cost of this ID is shown as \$0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ -

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200446	Fire Station 14 / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	\$ 110
200447	Fire Station 14 / INTERIOR	Restroom	The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	3	\$ 720
200448	Fire Station 14 / INTERIOR	Restroom	The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.]	3	\$ 1,100
200449	Fire Station 14 / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	\$ 2,750

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200450	Fire Station 14 / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p>	3	\$ 7,181
200451	Fire Station 14 / INTERIOR	Restroom	<p>The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.</p> <p>Men's Restroom</p> <p>Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.</p>	2	\$ 300
200452	Fire Station 14 / INTERIOR	Restroom	<p>The coat hook is not within an allowable reach range.</p> <p>Men's Restroom</p> <p>Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	3	\$ 230
200433	Fire Station 14 / INTERIOR	Interior Access Route	<p>The pull side of the accessible door does not have the required maneuvering clearances.</p> <p>Office Entrance</p> <p>Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.</p>	1	\$ 1,250
200416	Fire Station 14 / EXTERIOR	Accessible Parking	<p>The van parking space is less than 132" wide, where the van aisle is less than 96" wide.</p> <p>Parking Lot 1</p> <p>Remove and re-stripe to provide a van space that is minimum 96" wide, with an adjacent aisle minimum 96" wide, or minimum 132" wide, with an adjacent aisle minimum 60" wide. This barrier must be removed in conjunction with barrier ID 200417 and 200564 - 200567. Van spaces shall be marked to define the width, and shall have a compliant adjacent access aisle. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to accessible stalls and aisles, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle.</p>	1	\$ 420
200417	Fire Station 14 / EXTERIOR	Accessible Parking	<p>The parking space slope is greater than 1:50 (2%).</p> <p>Parking Lot 1</p> <p>Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] This barrier must be removed in conjunction with barrier ID 200416 and 200564 - 200567. Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.</p>	1	\$ 6,300
200564	Fire Station 14 / EXTERIOR	Accessible Parking	<p>WASHINGTON: Compliant signage is not provided at the van space.</p> <p>Parking Lot 1</p> <p>Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200565 - 200567. The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign.</p> <p>Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.</p>	1	\$ 280

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200565	Fire Station 14 / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200567. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	\$ 280
200566	Fire Station 14 / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Lot 1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200567. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	\$ 5,000
200567	Fire Station 14 / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Parking Lot 1 Install a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200566. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	1	\$ 1,750
200465	Fire Station 14 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	\$ 1,400
200466	Fire Station 14 / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Parking Lot 2 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	5	\$ 1,750
200467	Fire Station 14 / EXTERIOR	Accessible Parking	A curb or wheelstop is not provided where needed to prevent encroachment of vehicles over the required accessible route clear width. Parking Lot 2 Install a curb or wheelstop to prevent the encroachment of vehicles over the required accessible route clear width of minimum 44".	1	\$ 945
200453	Fire Station 14 / EXTERIOR	Entrance to Building	The accessible door has less than 32" clear width. Patio Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. This barrier must be removed in conjunction with barrier ID 200454. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	1	\$ 2,480
200454	Fire Station 14 / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. Patio Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 200453. The cost of this barrier removal is covered under ID 200453 and therefore, the cost of this ID is shown as \$0. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	\$ -
200419	Fire Station 14 / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. Public Entrance Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	\$ 179
200580	Fire Station 14 / INTERIOR	Interior Access Route	Stairs have open risers. Stair to Storage & Mechanical Space Replace with compliant stairs that have closed risers. Open risers are not permitted.	1	\$ 14,280

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200461	Fire Station 14 / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair to Storage & Mechanical Space Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	5	\$ 728
200462	Fire Station 14 / INTERIOR	Interior Access Route	Handrails are not provided. Stair to Storage & Mechanical Space Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]	5	\$ 6,520
200438	Fire Station 14 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Throughout Building Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 4,392
200431	Fire Station 14 / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Throughout Building Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 186
200432	Fire Station 14 / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Throughout Building Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	\$ 3,809
200421	Fire Station 14 / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	\$ 110

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200422	Fire Station 14 / INTERIOR	Restroom	The force required to open the interior, hinged, non-fire door is more than 5 pounds. Unisex Restroom Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.	3	\$ 732
200423	Fire Station 14 / INTERIOR	Restroom	Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	\$ 130
200424	Fire Station 14 / INTERIOR	Restroom	The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unisex Restroom Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 1,260
200425	Fire Station 14 / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Unisex Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	\$ 626
200426	Fire Station 14 / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	\$ 586
200427	Fire Station 14 / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	\$ 710
200428	Fire Station 14 / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	\$ 1,420
200429	Fire Station 14 / INTERIOR	Restroom	The height of controls are not compliant. Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	\$ 400
200418	Fire Station 14 / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Walkway from Parking Lot 1 to Public Entrance Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	\$ 286

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200440	Fire Station 14 / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	\$ 55
200441	Fire Station 14 / INTERIOR	Restroom	The hardware at the accessible door (including sliding doors - both sides) is mounted above 48". Women's Restroom Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	\$ 293
200442	Fire Station 14 / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Women's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	\$ 1,250
200443	Fire Station 14 / INTERIOR	Restroom	The lavatory does not have the required knee clearance. Women's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	3	\$ 720
200444	Fire Station 14 / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. Women's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	\$ 2,750

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200445	Fire Station 14 / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Women's Restroom</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. [EXCEPTIONS: 1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]</p>	3	\$ 7,181
203382	Fire Station 17 / INTERIOR	Interior Access Route	<p>Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor.</p> <p>Classroom A</p> <p>Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]</p>	2	\$ 300
203381	Fire Station 17 / INTERIOR	Interior Access Route	<p>The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.</p> <p>Classroom A - Radio Room</p> <p>Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]</p>	2	\$ 55
203383	Fire Station 17 / INTERIOR	Interior Access Route	<p>The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).</p> <p>Classrooms A and B</p> <p>Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.</p>	2	\$ 1,440
203379	Fire Station 17 / INTERIOR	Interior Access Route	<p>Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.</p> <p>Classrooms A and B</p> <p>Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]</p>	1	\$ 1,456
203328	Fire Station 17 / INTERIOR	Interior Access Route	<p>The door has less than 32" clear width.</p> <p>Crew Office</p> <p>Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]</p>	5	\$ 2,600

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203329	Fire Station 17 / INTERIOR	Employee Work Areas	The work surface is not compliant. Crew Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	5	\$ 1,030
203325	Fire Station 17 / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Crew Office and Police Offices Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	\$ 110
203326	Fire Station 17 / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Crew Office, Company Officer and Police Offices Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	\$ 165
203406	Fire Station 17 / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp CR-1 The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	\$ 1,750
203407	Fire Station 17 / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp CR-1 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	\$ 158
203404	Fire Station 17 / EXTERIOR	Exterior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Entrance E-1 Remove and lower to a compliant reach range. This barrier must be removed in conjunction with ID 203405. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 300
203405	Fire Station 17 / EXTERIOR	Exterior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Entrance E-1 Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. This barrier must be removed in conjunction with ID 203404. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.]	1	\$ 728
203373	Fire Station 17 / INTERIOR	Entrance to Building	The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Entrance E-2 Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,]	2	\$ 400

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203396	Fire Station 17 / INTERIOR	Entrance to Building	The push side of the accessible door does not have the required maneuvering clearances. Entrance E-3 Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door and within the recess of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 1,250
203374	Fire Station 17 / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrances E-2 and E-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	\$ 2,500
203324	Fire Station 17 / INTERIOR	Interior Access Route	Means of egress signage does not have tactile lettering. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	\$ 220
203347	Fire Station 17 / INTERIOR	Fitness	Clear floor space is not provided at the transfer point to the exercise equipment. Fitness Room Provide clear floor space 30" minimum x 48" minimum positioned for transfer or for use by an individual seated in a wheelchair. Clear floor space has a maximum slope of 2.08% slope in all directions. Accessible exercise machines and equipment shall have a clear floor space positioned for transfer or for use by an individual seated in a wheelchair. Clear floor spaces required at exercise machines and equipment shall be permitted to overlap. One side of the clear floor space shall connect to an accessible route. Clear floor spaces shall not overlap the accessible route.	5	\$ 500
203346	Fire Station 17 / INTERIOR	Interior Access Route	Handrail extensions are not compliant. Front and Rear Stairwells Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	\$ 326
203391	Fire Station 17 / INTERIOR	Interior Access Route	The sink rim is higher than 34". Garage Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	5	\$ 720
203392	Fire Station 17 / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Garage Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	\$ 400

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203393	Fire Station 17 / INTERIOR	Interior Access Route	The location of the spout of the eye wash station is not compliant. Garage Replace the eye wash station to ensure that the spout height is no higher than 36" maximum measured from the finish floor or ground to the spout outlet, and provide knee and toe clearance. This barrier must be removed in conjunction with ID 203769. Spout outlets shall be 36" maximum above the finish floor or ground, 15" minimum from vertical support, and 5" maximum from front edge. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	4	\$ 2,505
203742	Fire Station 17 / INTERIOR	Interior Access Route	Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Garage Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant.	5	\$ 65
203769	Fire Station 17	Interior Access Route	Knee and toe clearance is not provided at the eye wash station. Garage Relocate or replace the eye wash station to provide knee and toe clearance. This barrier must be removed in conjunction with ID 203393. Units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	4	\$ 980
203398	Fire Station 17 / EXTERIOR	Exterior Access Route	The gate does not have a smooth surface within 10" of the ground. Gate G-1 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	\$ 160
203399	Fire Station 17 / EXTERIOR	Exterior Access Route	The gate maneuvering clearance area is not compliant. Gate G-1 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.]	1	\$ 568
203738	Fire Station 17 / INTERIOR	Kitchen	The oven does not have an adjacent work surface which is a minimum height of 28" and maximum height of 34", or an adjustable work surface ranging from minimum 29" to 36" maximum. Kitchen Remove and install a kitchen work surface adjacent to the oven that is maximum 34" height or an adjustable work surface which can be adjusted from minimum 29" to maximum 36". The work surface shall be positioned adjacent to the latch side of a side-hinged oven door, or adjacent to one side of a bottom-hinged oven door. Modify or replace counter to provide a minimum 30" wide section with maximum height 34" with knee and toe clearance adjacent to the oven. The work surface shall also have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	4	\$ 2,382
203338	Fire Station 17 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	\$ 200
203339	Fire Station 17 / INTERIOR	Kitchen	Less than minimum one of each type of operable part is within reach range. Kitchen Install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 1,000

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203343	Fire Station 17 / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Kitchen Relocate or install cane detection. This barrier must be removed in conjunction with ID 203344. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	\$ 728
203333	Fire Station 17 / INTERIOR	Kitchen	The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	\$ 1,986
203334	Fire Station 17 / INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	4	\$ 3,039
203335	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 1,500
203344	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen and Fitness Room Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203343. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	\$ 600
203336	Fire Station 17 / INTERIOR	Interior Access Route	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Kitchen and Laundry Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	\$ 1,440
203348	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Laundry Room Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	\$ 300

PHASE FIVE BARRIERS					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
203401	Fire Station 17 / INTERIOR	Interior Access Route	<p>Knee and toe clearance is not provided at the lower level fountain. 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. 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. 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. 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. 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. 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	<p>Clear space is not provided at the control or operating mechanism.</p> <p>Men's and Women's Restrooms</p> <p>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.]</p>	1	\$ 400
203360	Fire Station 17 / INTERIOR	Restroom	<p>WASHINGTON: The transfer shower stall is not compliant.</p> <p>Men's and Women's Restrooms</p> <p>Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. 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

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 administering 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	<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
200515	Fire Station 18 / 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</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	\$ 2,500
200480	Fire Station 18 / 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 Exits</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	\$ 110
200492	Fire Station 18 / INTERIOR	Transient Lodging	<p>The clear floor space at the bed is not compliant.</p> <p>Dorm Room</p> <p>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
200493	Fire Station 18 / INTERIOR	Transient Lodging	<p>The required number of guest rooms with communication features is not provided.</p> <p>Dorm Room</p> <p>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).</p>	3	\$ 2,000
200507	Fire Station 18 / INTERIOR	Interior Access Route	<p>The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.</p> <p>Exercise Room</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. 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 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

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**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-aeform-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-aeform-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.



Memorandum

Date: 2/2/2021
Meeting of: City Council

File No. AM No. 21-A042
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	Deputy Director
Planning and Community Development	Don Cairns, PE	Transportation Planning and Engineering Manager
Planning and Community Development	Jeff Churchill	Long-Range Planning Manager
Planning and Community Development	Tam Kutzmark	Senior Planner

TITLE:
TMP Update - Outreach Summary and Policy Considerations

OVERVIEW STATEMENT:

The initial round of public engagement on the Transportation Master Plan (TMP) Update project has concluded, yielding rich feedback on the vision, principles, and strategies for the TMP update, as well as over 100 project ideas. This round also generated a set of policy considerations related to transportation and mobility in the City’s future. Staff will share a summary of engagement in preparation for Council’s February 9 study session. At the study session, staff will seek input on draft policy considerations, and that feedback will help guide the TMP Update into the next steps of travel demand modeling, project evaluation, and plan drafting.

Additional Background Information/Description of Proposal Attached

REQUESTED ACTION:

Receive Information Provide Direction Approve

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Redmond Comprehensive Plan, Transportation Master Plan.
- **Required:**
RCW 36.70A.040 requires Redmond to complete a periodic update and review of its comprehensive plan, of which the TMP is a part, by June 30, 2024.

- **Council Request:**
N/A
- **Other Key Facts:**
The City Council authorized TMP Update funding in the 2021-22 biennial budget as part of Phase 1 of the Redmond 2050 effort.

OUTCOMES:

The updated Transportation Master Plan will guide City decisions concerning mobility in a manner that supports the overall vision for the community as described in the Redmond Comprehensive Plan.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
 - **Nov 2020-Jan 2021:** public involvement centered on vision, principles, strategies, and project ideas; stakeholder outreach centered on existing conditions and policy considerations
 - **Q3 2021:** public involvement and stakeholder outreach will focus on draft plan updates and draft funding-constrained 20-year investment plan
 - **Q1-Q2 2022:** public involvement and stakeholder outreach will focus on final draft documents for adoption
- **Outreach Methods and Results:**
City staff are obtaining public input via virtual community workshops, small-group community workshops, online questionnaires, map-based project idea solicitation, and the Redmond 2050 Community Advisory Committee. In addition, staff are engaging with the Pedestrian/Bicycle Advisory Committee and Planning Commission
- **Feedback Summary:**
Those providing input to-date have expressed support for the overall vision, principles, and strategies and offered feedback on improving these elements. See Attachment A for details.

BUDGET IMPACT:

Total Cost:

\$250,000 for travel demand modeling and project cost estimating (\$200,000 appropriation in 2019-20 and \$50,000 appropriation in 2021-22).

Approved in current biennial budget: Yes No N/A

Budget Offer Number:

000343 Mobility of People and Goods

Budget Priority:

Vibrant and Connected

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

If yes, explain:

The TMP Update includes updating the Transportation Facilities Plan (20-year funding-constrained investment plan) and

transportation impact fees, which will impact both future revenues and future costs.

Funding source(s):

Impact fees.

Budget/Funding Constraints:

RCW 82.02.050 limits impact fee expenditures to those that finance system improvements to serve growth.

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
2/9/2021	Study Session	Provide Direction

Time Constraints:

City Council input on policy considerations in the first quarter is critical to maintaining the overall project schedule, which is to complete the TMP Update by the end of 2022.

ANTICIPATED RESULT IF NOT APPROVED:

Staff is not seeking approval at this time. If Council has questions, a response will be provided during the Study Session that is scheduled for February 9th.

ATTACHMENTS:

- Attachment A: Draft Vision, Principles, and Strategies
- Attachment B: Draft Policy Considerations
- Attachment C: Public Outreach Summary
- Attachment D: Presentation Slides

Attachment A: Vision, Principles, and Strategies

As part of fall 2020 public involvement, staff sought input on the draft vision, principles, and strategies that should guide the TMP Update.

Vision

The vision statement below is from the 2013 TMP. It describes the mobility system that Redmond aspires to create over the life of the TMP. Staff solicited input on potential changes to the vision statement to be made as part of this TMP update as part of fall 2020 outreach.

“Redmond’s 2030 transportation system supports Redmond’s vision for vibrant urban centers in Downtown and Overlake, connected neighborhoods and a sustainable community. Movement of people, goods, and freight both locally and regionally is provided by street, light rail, transit, pedestrian, and bicycle systems that are complete and fully integrated.” (TMP Chapter 1)

Principles

TMP Update guiding principles will influence all aspects of the updated TMP document. The TMP Update is guided by the same principles that are being used for the broader Redmond 2050 effort, with the addition of safety as a principle being applied to the TMP Update.

Principle	Definition as applied to transportation
Equity and Inclusion	<i>The transportation system is designed, built, operated, and maintained so that all people in Redmond can fully and effectively access safe and affordable mobility options.</i>
Sustainability	<i>The transportation system meets today’s economic, environmental, and social needs and creates the foundation for meeting future needs.</i>
Resilience	<i>The transportation system has the capacity to adapt and grow in response to chronic or acute pressures and can adjust when unexpected problems or events occur.</i>
Technology Forward	<i>Information and data gathered from the transportation system and the people who use it is leveraged to ensure the system functions for the benefit of the whole community.</i>
Safety	<i>The transportation system is designed, built, operated, and maintained to protect human health.</i>

Strategies

The strategies describe how Redmond will achieve the vision described above. The draft strategies are:

Strategy	Key Components of the Strategy
Orient around Light Rail	<ul style="list-style-type: none"> ● <i>Promote transit that connects people to light rail</i> ● <i>Prioritize development and investment that improves access to light rail</i> ● <i>Reform parking regulations to support housing and employment near light rail</i>
Maintain Transportation Infrastructure	<ul style="list-style-type: none"> ● <i>Design and build resilient infrastructure</i> ● <i>Maintain the system through cost-effective spending</i> ● <i>Identify level-of-service requirements and funding needed for long-term maintenance and operations</i>

Strategy	Key Components of the Strategy
Improve Travel Choices and Mobility	<ul style="list-style-type: none">• <i>Invest in bus transit speed, access, and reliability</i>• <i>Improve bike and pedestrian connections within and between neighborhoods and other key destinations</i>• <i>Manage limited right-of-way and curb space to achieve community goals</i>
Enhance Freight and Service Mobility	<ul style="list-style-type: none">• <i>Complete the network of freight infrastructure needed to support the delivery of goods and services</i>• <i>Monitor freight and service delivery patterns and adjust transportation system operations if necessary</i>

Attachment B: Draft Policy Considerations

Draft policy considerations are grounded in the guiding principles and organized according to the draft strategies (Attachment A). Staff has also included policy considerations for transportation impact fees based on Council discussion in late 2020. Staff will revise the draft policy considerations based on public input (Attachment C) and direction from Council.

Policy Considerations: General

- **Sustainability:** Achieving climate action goals requires transportation investments that encourage a shift from driving alone by providing convenient, safe, and accessible options.
- **Equity & Inclusion:** Creating an equitable and inclusive transportation system calls for actions that support mobility, connectivity, and access. It calls for decisions to prioritize an affordable and effective public transportation network that links people to employment, education, and health and social services.
- **Tech Forward:** Technological innovations are evolving quickly and will likely transform our transportation systems. Forward-thinking planning will enhance our City's resiliency and allow for innovations ranging from shared and on-demand mobility, to more accurate real-time travel information, to a reduced reliance on personal vehicles. Technology may also impact freight delivery systems, fleet management, and the use and management of curb space.
- **Resiliency:** Transportation is the backbone of our economy, connecting people, freight, jobs, and services. Resilient, multimodal planning will support a smooth transition to alternatives when unexpected events impact one or more travel modes. Building resilient infrastructure will also accelerate recovery after catastrophic events. Revenue should come from multiple streams and mechanisms, including user-based fees, to manage and improve the transportation system even during times of economic uncertainty or shifts in development trends.
- **Safety:** Design standards and operating principles should prioritize safety for all users. Consistent with the principle of equity and inclusion, safety analyses should prioritize the health and safety of the most vulnerable users of the transportation system because systems that are safe for the most vulnerable are safe for everyone.

Policy Considerations: Orient Around Light Rail

Deploy transit service to connect people to light rail. When light rail service begins in 2023 (Overlake) and 2024 (Downtown and Southeast Redmond), it will be the spine of Redmond's public transportation system. Concurrent with the Redmond 2050 effort, City staff should continue working with Metro, Sound Transit, and the community to develop changes to bus transit that best serve the Redmond community going forward.

Prioritize investments that improve access to light rail. To best leverage the region's investment in high capacity transit, Redmond should consider prioritizing mobility investments that improve access to light rail and the mobility it affords.

These two policy considerations support *sustainability* by encouraging transit use; they support *equity and inclusion* by making more opportunities available to more people; they support *resiliency* by increasing the number of ways that people can get around Redmond; and they support *safety* by encouraging use of modes other than driving.

Encourage transit-oriented development in light rail station areas. To achieve the community’s vision for focusing growth in urban centers, and to best leverage the region’s investment in high-capacity transit, Redmond should encourage transit-oriented development, including and opportunities for affordable housing, in light rail station areas. This policy consideration supports *sustainability* by encouraging lower carbon footprint lifestyles; it supports *equity and inclusion* by locating more affordable housing closer to public transit and the mobility it affords.

Reform parking regulations around light rail stations to maximize desired uses like housing and employment. The combination of new light rail service and redeployed bus service will enable more households to choose to own fewer vehicles or no vehicles. The desire to accommodate most of Redmond’s growth in urban centers also argues for balancing the need for parking with the need to accommodate housing and jobs. Therefore, Redmond should reform parking regulations around light rail stations to maximize desired uses like housing and employment. This policy consideration supports *sustainability* by encouraging use of travel modes other than driving; it supports *equity and inclusion* by increasing the affordability of housing near transit; it can also be supported by a *technology forward* approach, which can help people find available parking faster.

Policy Considerations: Maintain Transportation Infrastructure

Identify level-of-service requirements and funding for long-term maintenance and operations of infrastructure. Currently, the City of Redmond is not keeping up with the transportation maintenance needs of the system particularly in the areas of pavement management and accessible pedestrian facilities. Redmond needs to formalize a system for identifying and budgeting for the long-term maintenance and operations of transportation infrastructure. This closely aligns with the principle of *sustainability*; it also promotes *equity* and *safety*.

Maximize the cost-effectiveness of transportation system maintenance expenditures. Maintaining the existing system will become an increasing financial challenge as Redmond’s infrastructure ages. Part of meeting that challenge will be investing wisely in system maintenance. This policy aligns with the principle of *technology forward*, to the degree that advances in technology can be used to maximize the impacts of strategic investments. It also supports the principle of *safety*, because investments in maintenance result in a safer transportation system.

Design and build infrastructure that is resilient and can be efficiently maintained. *Resiliency* and the ability to efficiently maintain a system are the result of thoughtful planning and design. Redmond needs to better plan for, design, and build transportation infrastructure considering resiliency – both in terms of travel mode diversification and the ability to withstand and recover from catastrophic events – and efficient maintenance. This policy consideration closely aligns with the principle of *sustainability*; it also aligns with *technology forward* as information is applied to improve efficiency in maintenance.

Policy Considerations: Improve Travel Choices and Mobility

Complete modal networks. Redmond has adopted vehicle, bicycle, freight, and transit modal networks. Continuing this policy to complete the modal networks supports *equity and inclusion* by making more mobility choices available to more people; it supports *resiliency* by diversifying the transportation system; it supports *sustainability* by making mobility less reliant on fossil fuels; it supports *safety* by eliminating network gaps.

Two policy considerations are elements of completing modal networks and support the same principles described above:

- **Improve pedestrian and bicycling connections within and between neighborhoods, and**
- **Invest in bus transit speed, access, and reliability.**

Maximize the use of transportation infrastructure through transportation demand management programs. Making the most of the existing transportation systems maximizes the value of past capital investments while making more mobility choices available to more travelers. This policy consideration supports the principles of *technology forward*, as data is harnessed to improve the efficient use of infrastructure; and *sustainability*, as travelers make choices that have less negative environmental impacts.

Manage limited right-of-way and curb space to achieve community goals. Improving travel choices and mobility will require Redmond to make thoughtful decisions in how limited right-of-way is allocated to various uses. These decisions should be guided by community goals for land use, economic vitality, mobility, and more, and should align with the principles of *sustainability, equity and inclusion, technology forward, resiliency, and safety.*

Policy Considerations: Enhance Freight and Service Mobility

Complete the freight modal network. The freight modal network provides for the movement of goods and services to and through Redmond. This policy consideration aligns especially with the principle of *resiliency*, as the network is critical to economic well-being.

Monitor freight and service delivery patterns and adjust transportation system operations if warranted. This policy consideration calls for continued monitoring of travel patterns in an era of change in how goods and services are delivered. This consideration supports the principles of *technology forward* – using information and technology to inform decisions and respond to system failures, and *resiliency* insofar as Redmond makes adjustments that make the system more resilient.

Policy Considerations: Impact Fees

Consider waiving or reducing transportation impact fees for affordable housing. State law allows cities to exempt or reduce transportation impact fees for housing affordable to those earning up to 80 percent of area median income. For reductions exceeding 80 percent, the City must pay the remainder of the impact fee that would otherwise be due from another non-impact fee account. The City should consider whether to allow reductions or exemptions, and if so, the criteria by which exemptions would be granted.

Consider waiving transportation impact fees for uses with a broad public purpose. State law allows cities to exempt uses with a broad public purpose from transportation impact fees. The City must pay the impact fee that would otherwise be due from another non-impact fee account. The City should consider whether to allow exemptions, and if so, the criteria for evaluating and approving exemption requests.

The two impact fee policy considerations align with the principle of *equity and inclusion* in that they could decrease the cost of providing affordable housing or other uses with a broad public purpose; they

align with the principle of *resiliency* in that they could result in a more diverse mix of uses serving a broad public purpose that would buffer the community from the impacts of acute or chronic stressors.

Attachment C: Public Outreach Summary

Introduction

In Fall 2020-Winter 2021, City staff engaged with the community concerning the update of the Transportation Master Plan (TMP). This step in the overall update process focused on the strategic framework of the TMP, and the goals were to:

- Gather feedback on the vision, guiding principles, and strategies,
- Understand preferences (i.e. what is important, and what is a priority), and
- Capture project ideas about where transportation and mobility could be improved within Redmond)

City staff utilized a three-pronged approach to engage the community:

- 1) Conduct a plan review and trends analysis to create draft strategies and policy considerations,
- 2) Issue a questionnaire to gather public input on vision, principles, strategies, and project ideas, and
- 3) Gather feedback on draft policy considerations

The following table summarizes the types of stakeholder input gathered regarding the TMP strategic framework.

Table 1: Community Input on the TMP Strategic Framework

Input from:	Type of Input			
	Values & Priorities (questionnaire)	Existing Conditions	Policy Considerations	Project Ideas (interactive map)
General public	✓	✓	✓	✓
Community Advisory Committee	✓	✓	✓	
Ped-Bike Advisory Committee	✓	✓	✓	✓
Planning Commission	✓	✓	✓	
Redmond 2050 partners*	✓	✓	✓	✓
Council	✓	✓	✓	✓

High level findings from community engagement include:

- Participants believe the vision is generally sound and provided useful suggestions to better align the vision with the respondents' desired future.
- Safety and sustainability were the guiding principles most often rated by participants as "very important". At the same time, participants consider all principles to be important or very important.

- About one third of participants believe the guiding principles should be revised to provide improved clarity and direction to better guide transportation decisions.
- Participants identified “Improve travel choices and mobility” as the highest priority of the TMP’s proposed strategies, followed by “Maintain transportation infrastructure” and “Orient around light rail.”
- Most respondents believe the proposed strategies support the vision either “very well” or “somewhat well”.

This report describes the findings of the community engagement activities.

Vision

The City conducted a Let’s Connect questionnaire to gather feedback on the elements of the TMP strategic framework. The questionnaire was live in the Redmond 2050 virtual lobby and also promoted via email, e-News, Go Redmond, and the City’s Facebook page. The City received 108 responses between November 9 and December 13, 2020.

Questionnaire respondents believe the vision is generally sound but provided useful suggestions to better align the vision with the respondents’ desired future. Eighty-two (82) percent of respondents felt the vision reflected their desired future “very well” or “somewhat well.”

The most frequently suggested changes related to:

- Safe and well-maintained infrastructure;
- Sustainability;
- Prioritizing non-single-occupancy-vehicle modes;
- Street operations and traffic congestion;
- Concerns about growth;
- Connecting Redmond to the region with transit; and,
- Access to mobility.

Principles

As part of the questionnaire, respondents were asked to indicate how important the guiding principles are to achieving Redmond’s transportation vision.

Safety and sustainability were the principles most often rated as “very important”. At the same time, most respondents rated all principles as important or very important.

- Safety – 101 rated this principle as very important/important
- Sustainability – 95 rated this principle as very important/important
- Resiliency – 86 rated this principle as very important/important
- Equity and inclusion – 77 rated this principle as very important/important
- Technology forward – 65 rated this principle as very important/important

About one third of respondents believe the principles should be revised to provide improved clarity and direction to guide transportation decisions. The most frequently suggested revisions related to

expanding or adding to the concepts of “Equity and inclusion” and “Sustainability.” Respondents also suggested clarifying the definition of “Tech-forward,” “Resiliency,” and “Safety.”

Specific ideas about “Equity and inclusion” were to incorporate terms such as accessibility, affordability, reliability, and convenience into the definition of this principle; to address the lack of car ownership more inclusively; and to consider transit and transit amenities for those with mobility needs.

Specific ideas about “Sustainability” were to incorporate terms such as capacity into the definition of this principle; to bring more focus to environmental issues and impacts, and to directly reference the reduction of greenhouse gases.

Respondents also suggested reflecting the following terms in the guiding principles: multimodal/transit-oriented, efficiency, cost effectiveness, and measurability.

Strategies

The questionnaire also gathered feedback on the proposed TMP strategies. Of the four strategies, “Improve travel choices and mobility” was selected as the highest priority (#1), followed by “Maintain transportation infrastructure” (#2), “Orient around light rail” (#3), and “Enhance freight and service mobility” (#4).

Most respondents (78 percent) believe the proposed strategies support the vision either “very well” or “somewhat well”. The most frequently suggested changes related to:

- Traffic congestion and car capacity;
- Improving mobility (not mode specific);
- Emphasizing public transit and other modes; and
- Safety.

Policy Considerations

Public input on the vision, principles, and strategies will inform updates to policy considerations (Attachment B). As of January 25, 2021, staff have sought input on policy considerations from the Redmond 2050 Community Advisory Committee, Planning Commission, Pedestrian and Bicycle Advisory Committee, and the following stakeholders: Bellevue School District, Cascade Water Alliance, Futurewise, the Greater Redmond Transportation Management Association (GRTMA), Hopelink, Lake Washington School District, OneRedmond, and the Watertenders. The policy considerations are also posted online.

Staff asked two specific questions when soliciting input:

1. What other information should be included in this report to aid readers in understanding current conditions in order to evaluate policy choices?
2. What policy considerations are missing, i.e., what else do you think the City should be considering as part of this Comprehensive Plan update?

Suggested information to include in final draft of report	Suggested policy considerations
<i>Community Advisory Committee Input</i>	

<ul style="list-style-type: none"> • Information about park and rides and other parking facilities. • Information about business partnerships that support transportation demand management (TDM) program goals (e.g. Greater Redmond Transportation Management Association (GRTMA), Go Redmond, Hopelink) • Information about how the City does now, and plans to, implement TDM programs in support of the Comprehensive Plan and Transportation Master Plan. • Information about what is needed to expand and enhance existing modes. For example, what needs to happen to support better transit along Willows Road and improve transit speed and reliability? • Information about what we know/don't know about how teleworking and broader travel trends will change/not change after the pandemic 	<ul style="list-style-type: none"> • Promote and provide efficient transportation to move people from their homes to the light rail stations. Consider improved regional bus service; consider sufficient parking at stations. • Establish or strengthen partnerships with Redmond businesses to help promote efficient commuting that meets the City's transportation vision (i.e. non-single-occupant-vehicle travel) • Consider shared transit through partnerships, beyond bike and bus. For example: vanshare, rideshare, and shuttles operated via public-private partnership. • Consider micromobility options (e.g. scooters) as a viable alternative and policy focus area. Explore how other cities partner with businesses and neighborhoods to promote micromobility, and to offer more specific metrics or outcomes that operators could work toward meeting. • Support (or more support) for better transit along Willows Road and improved transit speed and reliability, for example by investing in queue jumps and other techniques that keep buses moving. • Support for prioritizing bicycle facilities for all ages and abilities. • Consideration of how autonomous vehicles will shape the transportation system, and for pilot autonomous vehicle projects in Redmond. • Support for public-private partnerships that utilize private assets (e.g. Microsoft Connector vehicles) for public mobility purposes when they are not needed for private use. • Improved mobility options in single-family neighborhoods where household size or other factors may preclude residents from choosing to live somewhere in Redmond with broader mobility options. • Support for electronic charging infrastructure and other techniques to reduce reliance on vehicles powered by fossil fuels. • Consideration of how teleworking and broader travel patterns will shape how we plan for mobility after the pandemic.
<p>Planning Commission Input</p>	
	<ul style="list-style-type: none"> • Improving transportation options within Redmond.

	<ul style="list-style-type: none"> • Improving access from home (or other origin/destination) to light rail station or other transit stop • Small amounts of parking at neighborhood bus stops • Improving access to transit • Bicycle lockers at light rail stations • Managing congestion around large parking structure at light rail station in Marymoor Village • Keeping connectivity options as flexible as possible in policy, including public-private partnerships • Safety for users of micromobility services (e.g. scooters)
Stakeholder Input	
<p><i>Futurewise:</i></p> <ul style="list-style-type: none"> • Include measure related to greenhouse gas pollution generated by transportation sector • Estimate magnitude of financial challenge of aging infrastructure • Identify number of culverts to be replaced and estimate cost <p><i>GRMTA:</i></p> <ul style="list-style-type: none"> • Include analysis of crash data on Redmond’s streets over past 10 years • Include analysis of bus speeds to understand where riders get stuck in traffic • Identify how much of the bicycle network is protected and comfortable for riders of all abilities • Include data on access to ORCA Business Passport transit passes in Redmond • Include data on accessibility of streets and sidewalks, including on where curb ramps are located or missing • Include data on percentage of households within 10-minute walk of all-day frequent transit • Identify what mode split would be needed to meet goals in Environmental Sustainability Action Plan <p><i>Hopelink:</i></p>	<p><i>Futurewise:</i></p> <ul style="list-style-type: none"> • Employ multimodal approach to managing street network, evaluating areas where multiuse streets – streets that accommodate motor vehicles and active transportation and active recreation – make sense long term. • Encourage electrification of the transportation system. For example, provide on-street charging stations, electric buses, or electric shuttles. Encourage conversion of existing private transit fleet. <p><i>GRTMA:</i></p> <ul style="list-style-type: none"> • Consider a Transportation Benefit District to help people access light rail (e.g. curb ramps, pedestrian safety, purchased transit, ORCA passes, maintenance) • Reduce speed limits citywide to enhance safety and decrease serious injuries • Add “accessibility” as a policy consideration, with a focus on making system accessible to those with disabilities or pushing a stroller, for example. • Reclassify regional trails projects in key transportation corridors as transportation projects, e.g., Redmond Central Connector phase 3 • Include on-street protected bicycle network • Do not include shared streets or streets with sharrows when counting bicycle facility mileage • Establish quick-build program to install paint-and-post protected bike lanes and curb bulbs • Eliminate parking minimums on all development • Incorporate equity analysis for all policy considerations

<ul style="list-style-type: none"> • Define DART • Identify key transit destinations, such as hospitals, non-profit centers, affordable housing, schools • Include current list of locations to purchase ORCA cards • Add information on community transportation services such as Hopelink Medicaid transportation, Metro Access, volunteer driver programs, and potential for new services like Community Van • Highlight 1-2 transportation demand management (TDM) programs to make TDM less theoretical, e.g., supplying Hopelink with pedestrian trolley carts to facilitate bus use by foodbank clients 	<p><i>Hopelink:</i></p> <ul style="list-style-type: none"> • Incorporate the human element of transportation and emphasize underserved communities including older adults, people with disabilities, immigrants, refugees, and low-income populations • Policies for education and outreach around using the light rail system • Consider cost to use light rail system, and how that cost would impact plan to reduce reliance on personal vehicles • Consider sequencing of transportation investments and growth to avoid parking problems <p><i>OneRedmond:</i></p> <ul style="list-style-type: none"> • Meet need for public parking in Downtown as demand increases • Encourage transit-oriented development in light rail station areas that includes office
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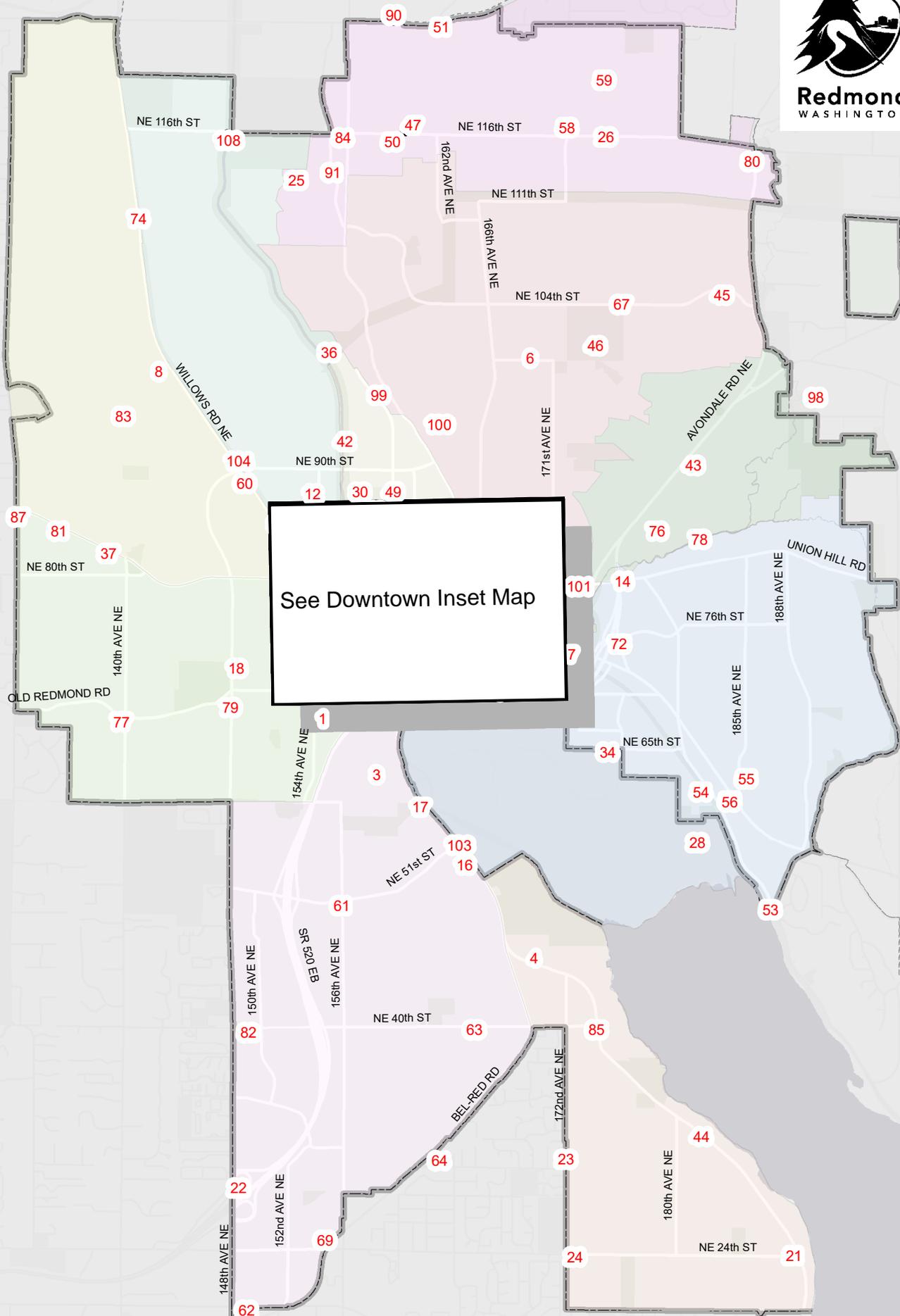
Project Ideas

The City provided an interactive, on-line map to solicit ideas from the community about where the City could improve transportation and mobility. Participants could suggest projects or identify places where issues existed that the TMP could address or improve.

Participants submitted 107 ideas, assigning each idea to one or more categories. Since each idea can belong to multiple categories, the numbers below add-up to more than 107. Staff will include these ideas in the capital project evaluation phase that will occur in the first half of 2021.

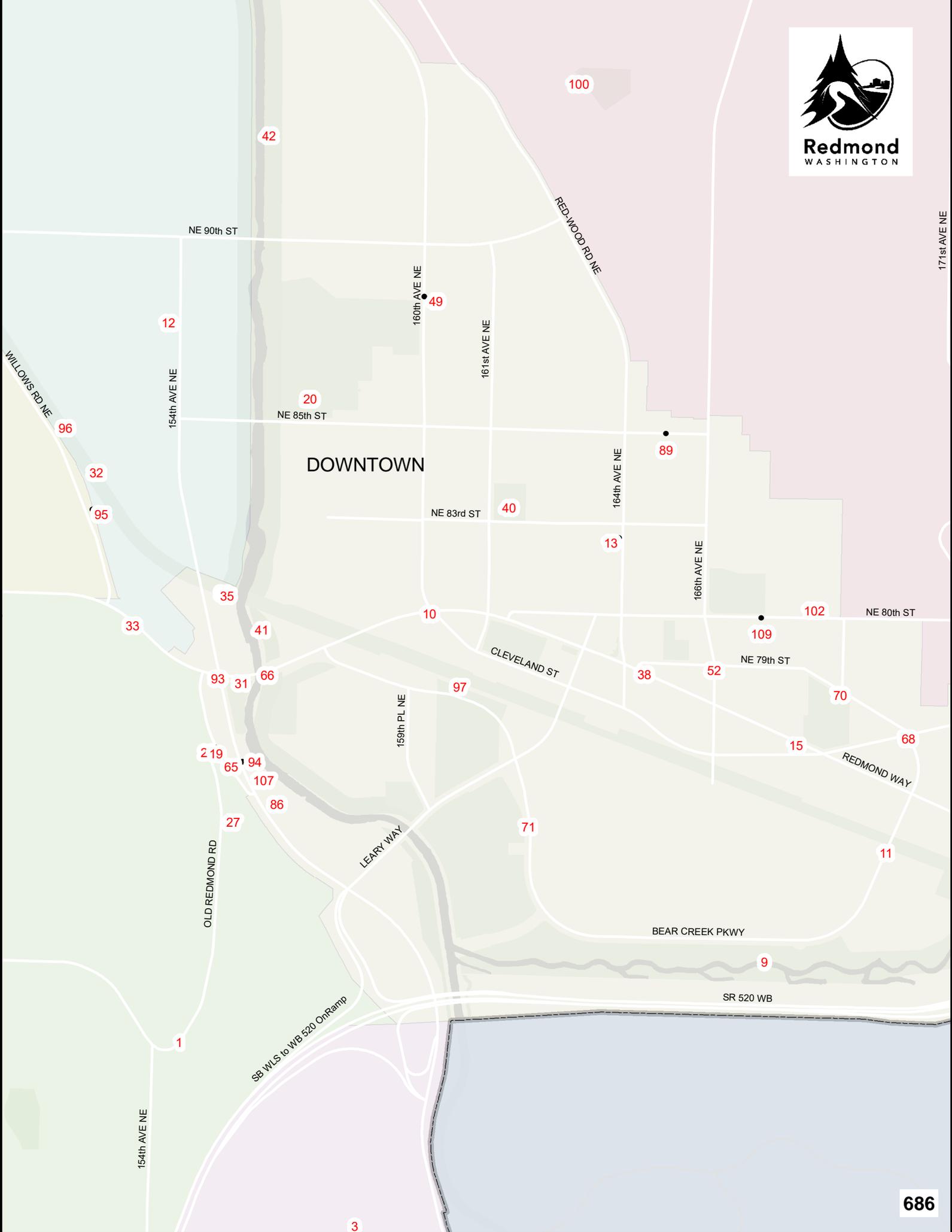
The tables below summarize the number of ideas in each category and describe the project ideas in detail. The maps on the following pages show the location of each idea submitted.

Project Type	Number of Ideas
Safety	59
Trail	43
Sidewalk	42
Bicycle	39
Accessibility	26
Roadway	14
Environmental	12
Transit	9
Technology	5
Other	3
Freight	1
Maintenance	1
Parking	1



See Downtown Inset Map





Project Idea List

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
1	Add radar speed signs around this corner.	People speed regularly around this corner and have multiple times in the past 10 years crashed. I think adding radar signs could help alleviate this and make the corner safer.	Safety	Grass Lawn
2	Better access for peds and bikes via trails and/or sidewalks. Like on WSL to help with last mile	Because driving to a trail/rail/etc isn't helping with mobility. It's just creates new issues somewhere else. The last mile matters a lot when it comes to how people choose to move around.	Accessibility, Safety, Sidewalk, Trail	Citywide
3	Local shuttles within Redmond, mixed light-commercial & residential zoning.	We keep larger buses on major roads, and smaller shuttles can connect residential communities. Mixed zoning improves walk-score, reducing reliance on cars (e.g. Fremont, Wallingford like zoning)	Sidewalk, Trail	Citywide
4	Provide a sidewalk that starts where the Marymoor Slough trail ends on W Lake Sammamish.	Currently, runners and other pedestrians are exposed to high speed traffic along that stretch. It is a safety issue. Furthermore, it would encourage more pedestrian use between Idylwood and Marymoor.	Accessibility, Bicycle, Safety, Transit	Idylwood
5	A pedestrian trail + bridge on 51st, crossing into Marymoor park, right into the dog park.	I think it'd help encourage people with dogs (lots of them in the neighborhood), to walk to Marymoor instead of driving.	Accessibility, Bicycle, Trail, Safety	Overlake
6	Make Avondale from 128th to 520 limited access.	Limit traffic in the Education Hill Neighborhood! Unfortunately Avondale is State and County roadway.	Roadway	Bear Creek
7	Convert Redmond Way into a limited access roadway from approximately East Lake Sammamish Parkway to approximately 405.	Relieve east west traffic density in the Downtown core of Redmond	Roadway	Citywide
8	Add lanes to Willows road to improve traffic	Business is expanding along Willows Road and the road needs to be able to support increased traffic	Safety	Willows-Rose Hill
9	Provide pedestrian lighting on Bear Creek Trail	This trail has no illumination beyond ambient lighting from Bear Creek Pkwy and nearby shopping malls; therefore it gets extraordinarily dark. Illuminating the trail is more important given light rail.	Safety	Downtown

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
10	Improve pedestrian safety crossing Redmond Wy at 160th Ave NE	This intersection is very dangerous; I have seen many almost-accidents. The crosswalk signal crossing Redmond Wy is not long enough; it is impossible for slower folks to cross during their signal.	Sidewalk, Safety	Downtown
11	Improve pedestrian safety crossing 170th Ave NE.	Vehicles turning left from NE 76th St onto 170th Ave NE frequently fail to observe pedestrians crossing on the north crosswalk across 170th Ave NE; I have seen many almost-accidents.	Safety	Downtown
12	Add a crosswalk to cross 154th Ave NE	The only places to cross 154th Ave NE are at NE 85th and NE 90th St, which are very far apart from each other. There is a sidewalk on only one side of 154th, so walking to the western side is onerous.	Safety, Sidewalk	Samamish Valley
13	Widen the sidewalk on 164th Ave NE	This sidewalk is narrow and close to the street, making it difficult to pass pedestrians while maintaining a safe distance. I have frequently had to step into the roadway to maintain distance.	Sidewalk, Safety, Trail	Downtown
14	Make this a "no right turn on red" onto Avondale	Keep seeing cars turning right maybe thinking they have own lane/not recognizing speed of cars off freeway and a lot of near misses I've seen (not sure if actual accidents)	Trail	Avondale
15	Better cycle connections to trail/near Redmond Way	GETTING to a trail or bike lane can be uncomfortable from the Anderson Park/Ed Hill area because Redmond Way is so busy. Turning cars on red lights, short intersection crossing make it tough.	Bicycle	Downtown
16	The Sammamish river trail should be extended south from 51st as part of the sewer upgrade project.	This trail dead ends into a busy and dangerous section of w. lk. sammamish with no good pedestrian options.	Bicycle, Pedestrian, Safety	Overlake
17	A lane of w. lk. sammamish should be converted into a bike and e-vehicle lane.	Bikes and small scale electric vehicles should be given priority over cars. We should convert vehicle capacity on all major roads.	Bicycle, Trail	Overlake
18	148th needs dedicated bicycle capacity	There is no safe way to you ride your bike on 148th. This should be a high volume bike corridor. Convert a lane to bikes only	Environmental, Bicycle, Safety, Accessibility	Grass Lawn

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
19	Bike/ped bridge between Old Redmond Way and the Sammamish River Trail.	Old Redmond Road is the major east-west bike connection between residential neighborhoods (Grass Lawn etc), Downtown (work, shopping, restaurants), and the Sammamish River Trail (recreational biking).	Bicycle, Trail, Safety	Grass Lawn
20	Place a crosswalk across NE 80th at 170th Ave. On west side. OR other traffic control device.	Autos speed through that intersection going up and down that hill at a rapid rate. Sr apt is right there where many of the tenants have to cross the st. to frequent the stores, park or just walk.	Bicycle, Sidewalk, Trail	Downtown
21	Turn WLS into a trail with sidewalks	Underutilized by ped and bicyclist because of safety issues. Fast moving cars with no bumps or lights to help slow speeds down	Safety	Idylwood
22	Reduce speed down from 40. No city street should have a speed limit of 40. Safer crossing lights	Reduce speed since it easily translates into higher speeds for smaller streets and residential neighborhoods. Crossing a mini freeway is not great. Safer for pedestrians	Safety, Sidewalk, Trail	Overlake
23	Expand sidewalk and add speed bumps	Area leads to elementary school. Sidewalks needs repair and expansion and streets is a thoroughfare to a larger artery with lots of speeding. More speed bumps or speed camera and fix the sidewalk	Sidewalk, Safety	Idylwood
24	Trail with bicycle lanes and narrowing of street	Large hill creates lots of high speeds and people speeding up from WLS to get up hill. Sidewalk is poor with debris and small. Hard for Children to go up and down safely to and from school.	Bicycle, Trail	Idylwood
25	Remove "no trespassing" sign along 114th path to Sammamish River Trail.	This is the safest, shortest route from all of Education hill to Northbound Sammamish River Trail. The neighborhood association could remove the restrictions with no cost or inconvenience to anyone.	Safety, Pedestrian, Trail	Education Hill
26	Crosswalk for pedestrians to safely cross busy 116th st	With the coronavirus pandemic, people are trying to keep social distance while walking outside. They need safe place to cross to the other side of 116th instead of having to run across in busy traffic	Sidewalk	North Redmond

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
27	Add a staircase from Old Redmond to W Lake Samm Pkwy for pedestrians.	Many residents in the Grass Lawn area walk to downtown Redmond or to the bus stop on W. Lake Samm Pkwy. We end up walking much further than necessary or cutting thru the brush on a muddy, slippery trail.	Accessibility, Environmental, Safety, Transit	Grass Lawn
28	Add a boat launch with parking lot so Redmond kayakers don't have to disturb the river wildlife.	It protects the environment and encourages more healthy activity.	Bicycle	Southeast Redmond
29	Improve the cycling connection from downtown (via Redmond Way or Leary or both) to Old Redmond Rd.	This is the only feasible bike route from Redmond to Kirkland currently. Currently, cyclists must choose between riding on wide, fast 5-6 lane roads; or narrow sidewalks well-used by pedestrians.	Bicycle, other: mitigation of King County Sewer Replacement Project	Downtown
30	Allow summer work on 177th, enforce parking regs to train drivers what to expect.	Current plans unfairly impact neighbors on 177th forcing lengthening of their pain during bad-construction-weather so outsiders can enjoy park.	Trail	Idylwood
31	Build a staircase from Redmond Way to connect Rotary Park	The park is currently hard to access	Trail, Pedestrian	Downtown
32	Build a staircase to connect the Westpark offices to the Redmond central connector	This would allow hundreds of employees to easily access walkable trails.	Sidewalk	Downtown
33	Widen the sidewalk on the North side of Redmond Way near Redmond Care and rehabilitation center.	Currently it's too narrow for a bike and pedestrian to cross paths because both the guardrail and hedge encroach on the sidewalk.	Bicycle	Grass Lawn
34	Link bicycle path between Marymoor and the community center so bikes don't have to enter traffic	Connecting a recreation facility to an expansive bicycle network helps reduce parking demand & encourages use of facility by non-motorists. This is only relevant once the pandemic is over.	Trail	Southeast Redmond
35	Add staircase from Redmond Central Connector to the trail on the west side of the Sammamish river.	The west side is connected poorly by dedicated pedestrian trails. It would allow people to enjoy both sides of the river.	Bicycle, Trail	Downtown
36	Pave the steep section on the PSE trail just east of the Sammamish river	It is currently almost impossible to bike up and dangerous to go down. There is a lot of erosion that could be prevented.	Roadway, Safety, Bicycle	Education Hill

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
37	Remove shrubbery on NE side of intersection.	139th Ave NE has a slight incline approaching Redmond Way, so the shrubbery makes it difficult to see oncoming traffic approaching from 140th Ave NE, especially in an older and/or lower car.	Safety, Roadway	Grass Lawn
38	Optimize carbon footprint of cars traveling 202 between Bear Creek Parkway and 170th Ave NE.	10 traffic lights b/t Panera Bread & KFC. Rarely make 3 or 4 green lights in a row. Starting, stopping, idling, city driving consumes more fuel. Compare to Holly Street, Bellingham; lights are timed.	Bicycle	Downtown
39	I dare city leadership to bike to work 1 day a month in 2021.	Because putting drivers into bike lanes makes them more empathetic. I tried cycling from my parents house to Bellevue city hall for a bike forum; there were no bike lanes to ride 3 miles cross town.	Transit	Citywide
40	Have a bus run regularly from Redmond Transit Center to Totem Lake Transit Center directly.	Redmond doesn't have a large hospital/medical center and Totem Lake does. Make it easier for people to take a bus that takes 20-30 minutes to get to Evergreen Medical Center whenever they need to.	Bicycle, Safety, Trail	Citywide
41	Add center line striping to Burke Gillman trail	Busy path needs help - they stripe the trails in the Bay Area. Walkers expand to take the entire width. I cycle, I share, but find the lack of definition leads to bad behavior by people.	Safety	Citywide
42	Redmond needs to coordinate with King County to enforce laws regarding Sammamish River Trail usage.	With e-bikes, scooters, and other electrified vehicles zooming up and down the trail with no regard to speed limits, someone is going to get seriously hurt or killed.	Bicycle, Environmental, Safety	Citywide
43	Separated bike lane along Avondale Rd. Promotes low-carbon cycling by improving safety.	Improves safety, promotes low-carbon transportation.	Bicycle, Safety	Bear Creek
44	Wish they could put barrier between bike lane and roadway on West Lake Sammamish	It's dangerous riding that route around to Marymoor so one can get to the bike trails.	Safety, Sidewalk	Idylwood
45	Sidewalk!!!	between RHS and Avondale there are no sidewalks. Cars speed on this road and crossing is dangerous!	Sidewalk, Safety, Pedestrian, other: community building	Education Hill

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
46	Neighborhood off leash dog park!!! Somewhere at Hartman, just a link fence	Community building, people will get to know each other. give dogs a legal off leash spot so they don't use baseball fields. Newer neighborhoods have them.	Accessibility, Sidewalk	Education Hill
47	City promised to "finish" sidewalks & put utilities underground once bulk of N Redmond was built.	Accessibility for walking and running without huge ditches	Sidewalk	North Redmond
48	I would love a sidewalk put in on 220th street off Union Hill.	It's the only place to walk in our neighborhood and people drive about 45mph on the road, even though the speed limit is 25.	Roadway, Safety, Sidewalk	Outside City
49	Install a blinking crosswalk signal on 160th between Bella Bottega and the City Campus.	I cross there often and have frequently had cars drive through the crosswalk without even checking for pedestrians.	Safety, Pedestrian, other: crosswalk	Downtown
50	Please put a crosswalk at 116th leading into the Chardonnay neighborhood (North Ed Hill)	Cars go about 40 right here and little Kids often cross alone here. There is a path in Chardonnay that leads to the back side of Rockwell El. Tons of people cross here and a crosswalk is needed.	Roadway, Safety	North Redmond
51	Need for a signal or roundabout at the intersection	This is a dangerous left turn with regular accidents. There is a dire need for a signal or roundabout. The through traffic comes down hill at great speed and is not visible enough from the side street	Sidewalk	North Redmond
52	Pedestrian crossing across 166th Ave NE at NE 79th St	...because pedestrians have been shortchanged by the obnoxious left turn lanes on 166th Ave NE. Surely these could have been created without also eliminating crosswalks?	Accessibility, Safety	Downtown
53	Lighting in the underpass tunnel at 187th Ave NE that goes under East Lake Samm Pkwy	The tunnel is unlit, but a safe way to cross to the East Lake Samm Trail. Adding lighting to the Redmond portion of the ELST, like on the trail along Willows would also be very nice.	Accessibility, Safety, Sidewalk	Southeast Redmond
54	Cross-walk across East Lake Samm Pkwy near Marymoor Trail	...because so many people cross the road at this location anyway, now that there is a sidewalk along The Bond apartments, that a cross-walk would make that crossing safer.	Accessibility, Safety, Sidewalk, Bicycle	Southeast Redmond
55	Sidewalk ramps and removal of pedestrian obstacles at 185th Ave NE and NE 62nd Court	... there is no ADA ramp and the median on NE 62nd Ct is in the way, causing pedestrians to walk in the road.	Accessibility, Pedestrian, Safety	Southeast Redmond

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
56	Bus Shelter at bus stop on Route 202 outbound before 185th Ave NE	...because this is (was) the first stop on the 268 bus route and you often had to wait in the rain for the bus. There was a slab for a shelter until The Bond project built stairs to the location.	Accessibility, Sidewalk, Trail, Signage issue	Southeast Redmond
57	Correct signage at either end of The Bond passage path to be less confusing.	When The Bond was completed two signs were added at each end of a path that least between E Lk Samm Pkwy and Route 202. But the arrow on the signs point the wrong way, and not to the path: it is confusing!	Safety	Southeast Redmond
58	Add speed bumps to slow down cars entering roundabout on 116th and 172nd	Roundabout has low visibility and cars enter at high speed making it very dangerous for pedestrians and bicycles Adding speed bumps before entrance will make area safer	Safety	North Redmond
59	Add couple of speed bumps on 120th way leading up to Clara Barton elementary	Cars speed up and down the hill on 120th way ignoring posted speed limit Adding 2 speed bumps will make the road safer for Clara Barton students walking to and from school	Safety	North Redmond
60	The sidewalk is buckling heavily on the western sidewalk along willows road near the Storage Center	They bumps were large enough that I almost tripped on them going for a run at night, but I also bike on sidewalks when going uphill and have to dismount my bike in that area (or brave the road).	Accessibility, Bicycle, Safety, Sidewalk	Sammamish Valley
61	Remove the "channel" design". The area to press the x-walk lights was raised with a narrow channel.	As a bicyclist who prefers sidewalks, it's very difficult to navigate the narrow channel. I can't imagine a wheelchair using it let alone my bike trying to pass a wheelchair. Restore raised island?	Accessibility, Safety, Bicycle	Overlake
62	Less cars and speeding more pedestrians friendly	Needs to be much safer for ped and high schoolers in the area to get to and from without cars. Too much speeding/red light running. Very traffic heavy. Being built up but nice to have safety now.	Safety, Sidewalk	Citywide
63	Redo trails and traffic calming	Trees blocking sidewalks and high traffic volume and speeds. Park nearby but not safe due to cars.	Bicycle, Safety, Trail	Overlake
64	Trail access and traffic calming	Like a freeway and school access on a side with no sidewalks. Microsoft surrounded by residential areas that see high traffic volumes and speed issues. know bike path in works but need trail	Accessibility, Trail	Overlake

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
65	The west side of the Sammamish river trail is barely used and needs signage leading to it.	Pedestrians barely use the west side of the Sammamish trail because they don't know it's there. It needs to be a path (like on the east side of the slough) so that people know it's there, not gravel	Safety	Citywide
66	Sammamish River Trail section under the Redmond Way bridge is too dark and potentially dangerous.	There needs to be more lighting in this area as during the night it is too dark and unsafe. It can be very hard to see pedestrians walking underneath the Redmond Way bridge.	Bicycle, Safety, Accessibility	Downtown
67	El autobus 250 no sube la colina hacia Redmond High School. Ayudaria a los estudiantes en avondale. <i>"The 250 bus does not go up the hill to Redmond High School. It would help the students at Avondale."</i>	Si el autobus 250 subiera la colina hacia RHS entonces las familias de Avondale tuviesen mas opciones en el caso que el estudiante no pueda tomar el autobus escolar. Tambien para ir a Hartman . <i>"If bus 250 were to go up the hill to RHS then Avondale families would have more options in the event that the student is unable to ride the school bus. Also to go to Hartman."</i>	Transit	Education Hill
68	Reevaluate having two left turn lanes from NE 79th onto Avondale because its drivers are dangerous.	The double-left-turn from NE 79th onto Avondale is often dangerous. Most cars in the left turn lane immediately whip right after the turn and this has a lot of close calls.	Accessibility, Bicycle, Environmental, Freight, Maintenance, Parking	Downtown
69	Expand intersections with dedicated turn lanes in all directions	Gridlock	Roadway	Overlake
70	Please put a flashing light signal at this crosswalk.	Pedestrian safety! Speed limits are ignored on this street and drivers don't always look for pedestrians waiting to cross.	Sidewalk	Downtown
71	The programming at this stop light needs to be looked at.	I cross here as a pedestrian and had to wait for absolutely no one, but I've also seen it change for no cars just to make another car wait around as well.	Technology	Downtown
72	Please consider putting a crosswalk with flashing lights between the two curb ramps on this street.	I have crossed here many times and seen others do it as well. Traffic moves rather quickly though so it's not easy to do.	Safety, Sidewalk	Southeast Redmond
73	A turn arrow for WB Avondale turning onto 79th while the SB 79th light is green. No right on red...	As a pedestrian crossing from the Delano to Jiffy Lube corners, right turns from Avondale to 79th are a problem. This lane should be no right on red but given a green arrow as described above.	Safety, Pedestrian, Sidewalk	Downtown

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
74	Decrease traffic on Willows Road and improve safety for bicyclists, pedestrians, and bus riders	If it was safer to have multi-modal transportation on that road, then perhaps it could cut down on traffic. 132nd to Willows are both dangerous to ride on.	Bicycle, Roadway, Safety	Willows-Rose Hill
75	Connect the sidewalk on the west side of Target parking lot to the bike route west of Fred Meyer	This bicycle / pedestrian rout will become direct access to the new Marymoor light rail station.	Accessibility, Bicycle, Sidewalk, Trail, Transit	Southeast Redmond
76	Install traffic and crosswalk signal	There is a bus stop here which has no safe access to cross Avondale which is a major arterial.	Accessibility, Roadway, Safety, Sidewalk, Trail, Transit	Bear Creek
77	Cycle track protected from traffic along full length of Old Redmond Road	I want to bike safely with my family from our home in Grass Lawn to the Cross Kirkland Trail, Downtown Redmond, and Sammamish and Bear Creek Trails. I don't feel safe in the current bike lanes.	Bicycle, Safety	Grass Lawn
78	Recreational trail along Bear Creek to Farrell-McWhirter and eventually Redmond Watershed Preserve	Recreational opportunity to enjoy Redmond's natural beauty, and safer biking alternative to Avondale from 116th to Downtown	Bicycle, Sidewalk, Trail	Bear Creek
79	HOV bus/shuttle lane on 148th	Incentivize people to switch from cars to public bus or private shuttle (and onwards by light rail) by keeping high-capacity vehicles fast and reliable on this critical corridor.	Environmental, Roadway, Technology, Transit	Grass Lawn
80	HOV bus/shuttle lane on Avondale with park-and-ride	Incentivize people in North Redmond to switch from cars to public bus or private shuttle by making it easy to get from home to transit and making transit faster and more reliable than driving.	Environmental, Roadway, Technology, Transit	Avondale
81	HOV bus/shuttle lane on Redmond Way	Incentivize people coming from Kirkland and Bothell to switch from cars to public bus or private shuttle by making transit faster and more reliable than driving.	Environmental, Roadway, Technology, Transit	Grass Lawn
82	Bike lane on 40th St from 140th to light rail (coordinating with Bellevue)	I commute by bike from Grass Lawn. 140th is safer and more pleasant than 148th. There's just a short missing link to safely bike from 140th @ 40th (in Bellevue) to Microsoft and the transit center.	Bicycle, Environmental, Safety	Overlake

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
83	Stairs from Rose Hill down to Willows (with a ramp for bikes)	The trail around 97th is a pleasant and convenient way for me to get from Grass Lawn to the Sammamish River Trail for recreational biking. But it is a treacherous slippery fire road.	Accessibility, Bicycle, Environmental, Safety, Trail	Willows-Rose Hill
84	116th/RedWood stairs to Sixty Acres Park (with bike ramp)	It's a missing link in the bike/recreation network. Creating a safe and pleasant trail network makes it possible to bike different loops around Redmond and the region.	Bicycle, Sidewalk, Trail	North Redmond
85	W Lake Sammamish protected bike/ped trail (and encourage Bellevue/Issaquah/Samm to close lake loop)	While Redmond unfortunately has limited public lakefront access, a lake loop trail would make for a scenic recreational bike ride. I would feel safe to bike it if protected from car traffic.	Accessibility, Bicycle, Sidewalk, Trail	Idylwood
86	Connect wSRT to RCC Extend wSRT s : 85th to Aegis Liv Red Connect SRT to CKC - ext w SRT to 124th?	Connecting trails is always a good thing. SRT (Sammamish River Trail) (wSRT = west side of river) RCC (Redmond Central Connector) CKC (Cross Kirkland Connector)	Bicycle, Trail	Downtown
87	Add bike lanes along Redmond Way starting at the Kirkland/Redmond border.	Sharing Redmond Way with traffic is dangerous to bicyclists due to higher traffic speeds and a narrow roadway. Redmond is the bicycle capital of the Northwest, but a main route isn't bike friendly.	Bicycle, Safety	Grass Lawn
88	The bicycle lane on W. Lake Samm between 51st and Leary is bumpy, uncomfortable, and dangerous to ride.	The concrete slabs that make up bike lane need to be smoothed out for safety and comfort.	Bicycle, Environmental, Safety	Overlake
89	Please add streetlights at this intersection.	It is far too dark in the winter and it is difficult to see pedestrians and cyclists.	Safety	Downtown
90	A sidewalk or trail on NE 124th St from 162nd PI NE to Red-Wood Road	There is no safe way to get down the hill on foot. (Ideally, the path would continue [to?] the river, but that is outside Redmond)	Safety, Sidewalk, Trail	North Redmond
91	Sidewalk on 154th PI NE from Red-Wood Road to 60 Acre Park	There is no safe way to walk/run to 60 Acre Park from Education Hill	Safety, Sidewalk, Trail	Education Hill
92	Stairs (or ramp) from the Redmond Central Connector to the west side of the SRT.	Access would make the west side of the SRT nicer for folks on foot and reduce mixing with bikes.	Accessibility, Sidewalk, Trail	Downtown

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
93	Stairs or ramp from Redmond Way river bridge to west SRT (and Rotary park)	Would make the west SRT nicer for folks on foot and reducing mixing with bikes. Also, would make the Rotary park much, much more usable.	Accessibility, Sidewalk, Trail	Downtown
94	Finish the west SRT by formalizing the section between Redmond Way and Leary Way	This would make the west SRT nicer for folks on foot and reducing mixing with bike traffic.	Accessibility, Trail	Downtown
95	Connect the Redmond Central Connector to Willows Rd with stairs (or ramp) near NE 82nd St.	After the Connector crosses the river (going west), it goes .57 miles without an exit/entrance. It would be nice to connect it to Willows Rd. (Very informal mud stairs try to do this now)	Trail	Sammamish Valley
96	Connect the west Redmond Central Connector to the industrial park at 152nd Ave NE	After the Connector crosses the river (going west), it goes .57 miles with no exit/entrance. It would be nice if people in the industrial park had access to the connector at the end of 152nd Ave NE.	Sidewalk, Trail	Sammamish Valley
97	Everywhere that a car road crosses a trail, use Dutch-style Continuous Sidewalks	For example, where 161st Ave NE crosses the Central Connector, continuous sidewalks would visually and physically give trail users priority over cars. See https://www.youtube.com/watch?v=9OfBpQgLXUc	Accessibility, Bicycle, Roadway, Safety, Sidewalk, Trail	Citywide
98	Finish the missing link in the East Redmond Connector	The planned trail from NE Novelty Hill Rd to the Evans Creek Trail would be great for trail users.	Accessibility, Bicycle, Environmental, Trail	Bear Creek
99	A trail up the hill from 160 ave NE to the Red-Wood Rd (near NE 98th St)	On foot, there is no nice way to get from the river valley to Education hill between 85th and the Powerline Trail (roughly 104th). A new trail would make walking from and to Education hill nicer.	Sidewalk, Trail	Education Hill
100	A trail connecting Reservoir Park to the Red-Wood Road.	On foot, there is no nice way to get from the river valley to Education hill between 85th and the Powerline Trail (roughly 104th). A new trail here would make walking from and to Education Hill nicer.	Sidewalk, Trail	Education Hill
101	Pedestrian stairway linking 172nd Ave NE with Avondale Road.	Would make it much easier for people on Education Hill to walk to businesses in Bear Creek area and reduce reliance on cars for short trips.	Accessibility, Environmental, Sidewalk, Trail	Education Hill

ID	My idea is...	My idea is important because...	Project type:	Neighborhood
102	Protected bike lane from Education Hill to existing bike trails like Sammamish Trail.	Without protected bike lanes, most bikers don't feel safe enough to ride to/from their homes to the network of trails in the area. Without an end-to-end safe path, many bikers will not go at all.	Bicycle	Downtown
103	Add pedestrian facilities along West Lake Washington Parkway from 51st to Idylwood Beach Park.	Major pedestrian connection, plus addition to trail system. Also, pedestrian safety.	Sidewalk, Trail	Idylwood
104	On the RCC Trail, add a big lit NO RIGHT TURN at NE 90th St. & NE 95th St. when the Walk sign is on	It's only a matter of time until a car or truck hits a cyclist or pedestrian in the crosswalks. the intersection at W. Lake Samm and Leary Way has a sign that works well.	Bicycle, Roadway, Safety, Sidewalk, Trail, Technology	Citywide
107	Extend wSRT s : 85th to Aegis Liv Red	Connecting trails is always a good thing. SRT (Sammamish River Trail) (wSRT = west side of river)	Trail	Downtown
108	Connect SRT to CKC - ext w SRT to 124th?	Connecting trails is always a good thing. SRT (Sammamish River Trail) (wSRT = west side of river) CKC (Cross Kirkland Connector)	Trail	Sammamish Valley
109	Maintain sidewalks across the street from between 166th & school, uneven/broken from tree roots	I have trouble with my stroller and I have seen wheelchairs get off the sidewalk and move into the street. Concerns with accessibility and safety in high ped traffic area.	Safety, Sidewalk, Trail	Downtown

(What happened to projects 105 and 106? They were duplicates accidentally created by staff. No projects were lost.)

REDMOND »»» 2050



Transportation Master Plan Update: Outreach Summary and Policy Considerations

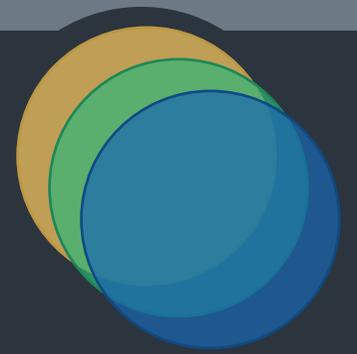
Jeff Churchill, Tam Kutzmark



Purpose

- Summarize community input
- Prepare for study session on February 9
- For study session: ***what is missing from policy considerations?***
- Future: policy direction

Redmond 2050 Context



Comprehensive Plan Update

Policy, Zoning & Regulatory Updates
Comprehensive Plan Element Updates
Functional & Neighborhood Plan Updates

Transportation Forecasting / Modeling
Regional Coordination
Commerce & PSRC Checklist Updates
Impact Fees

Urban Community Visioning
(Centers & TOD areas)
Community Involvement
SEPA Review & Documents

Cost & Revenue Estimates
Project List

Overlake
Update

Growth Distribution to Urban Centers
Urban Center Boundary Review
Planned Action Ordinance

TMP Update

Goals of Community Engagement

Gather feedback

- Vision
- Guiding principles
- Strategies

Understand preferences

- What is important
- What is a priority

Capture project ideas

- Where mobility and transportation can be improved



Stakeholder Input

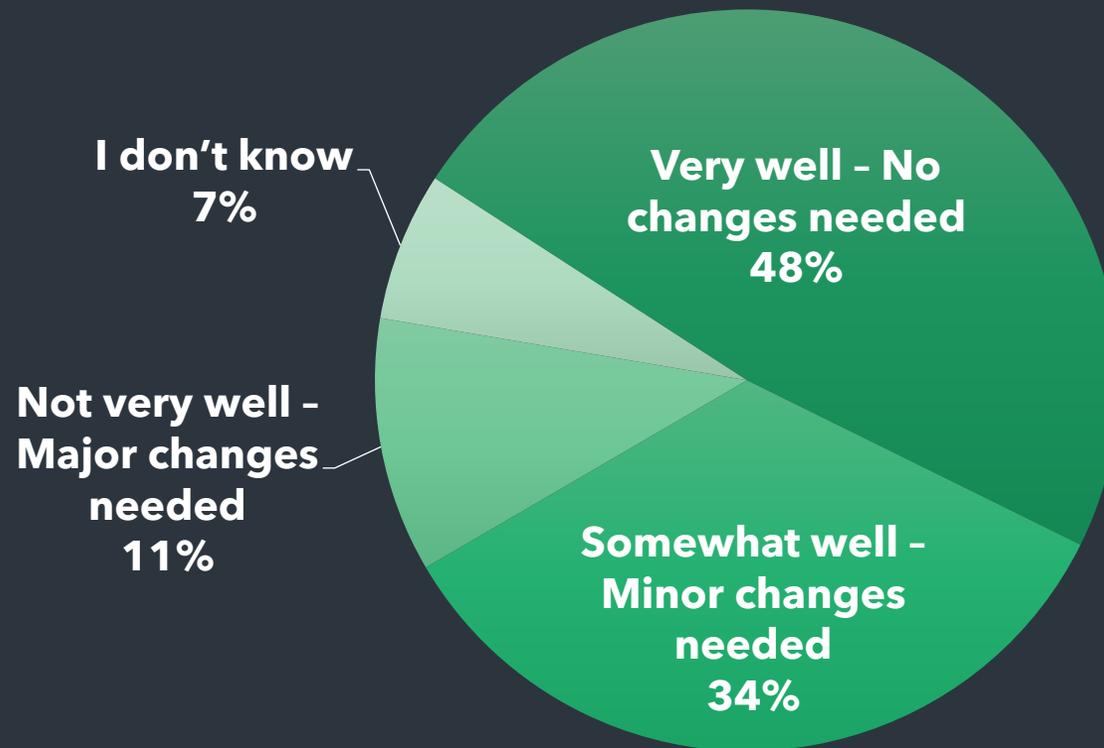
	Type of Input			
Input from:	Values & Priorities (questionnaire)	Existing Conditions	Policy Considerations	Project Ideas (interactive map)
General public	✓	✓	✓	✓
Community Advisory Committee	✓	✓	✓	
Ped-Bike Advisory Committee	✓	✓	✓	✓
Planning Commission	✓	✓	✓	
Redmond 2050 partners*	✓	✓	✓	✓
Council	✓	✓	✓	✓

*Futurewise, Hopelink, OneRedmond, etc.



Let's Connect Questionnaire

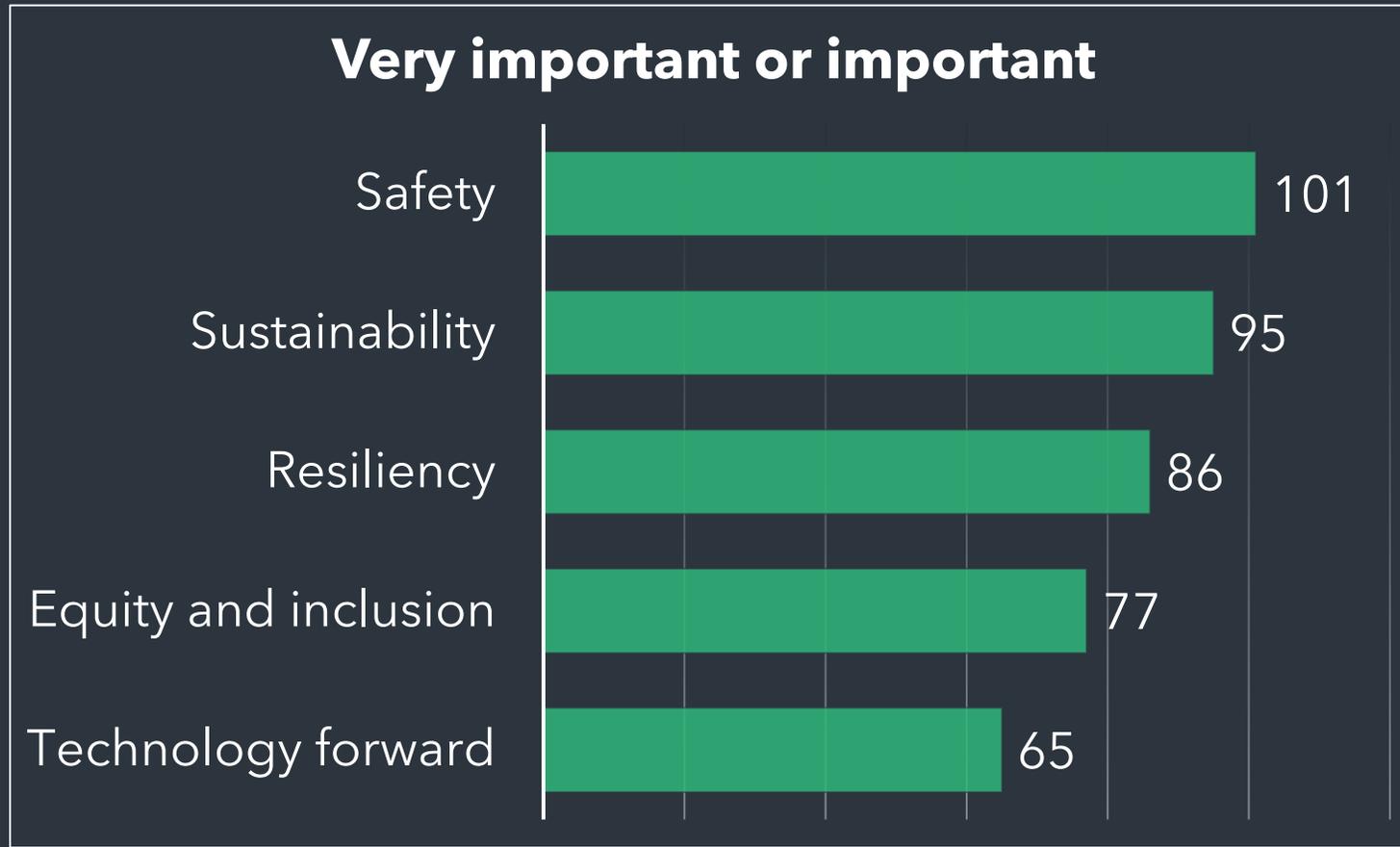
How well does the **vision statement** reflect your desired future for Redmond?



109 Responses



Let's Connect Questionnaire



How important do you think the **guiding principles** are to achieving Redmond's transportation vision?

109 Responses

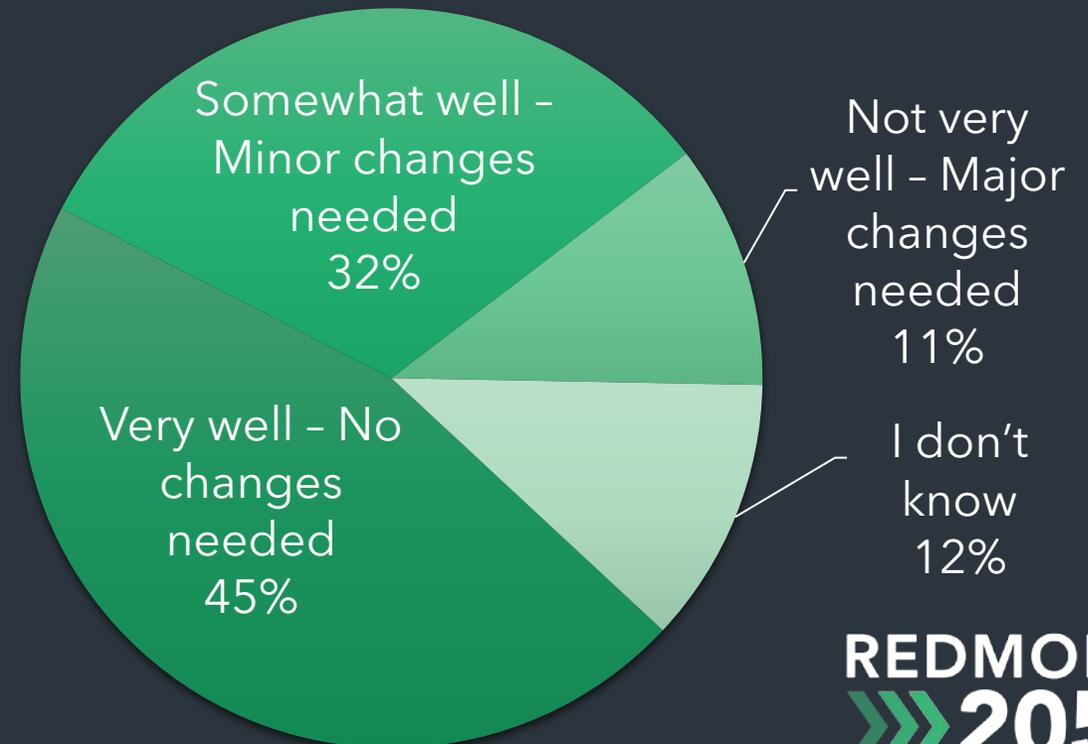


Let's Connect Questionnaire

Which **strategies** do you think are most important to achieving Redmond's vision?

- #1 Improve travel choices and mobility
- #2 Maintain transportation infrastructure
- #3 Orient around light rail
- #4 Enhance freight and service mobility

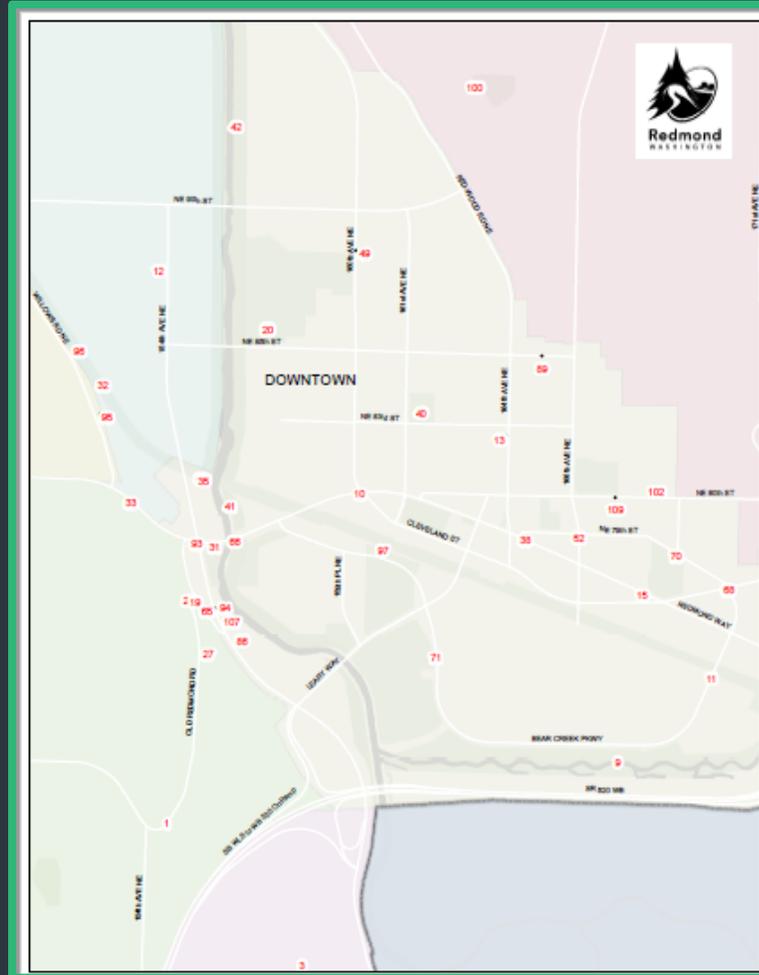
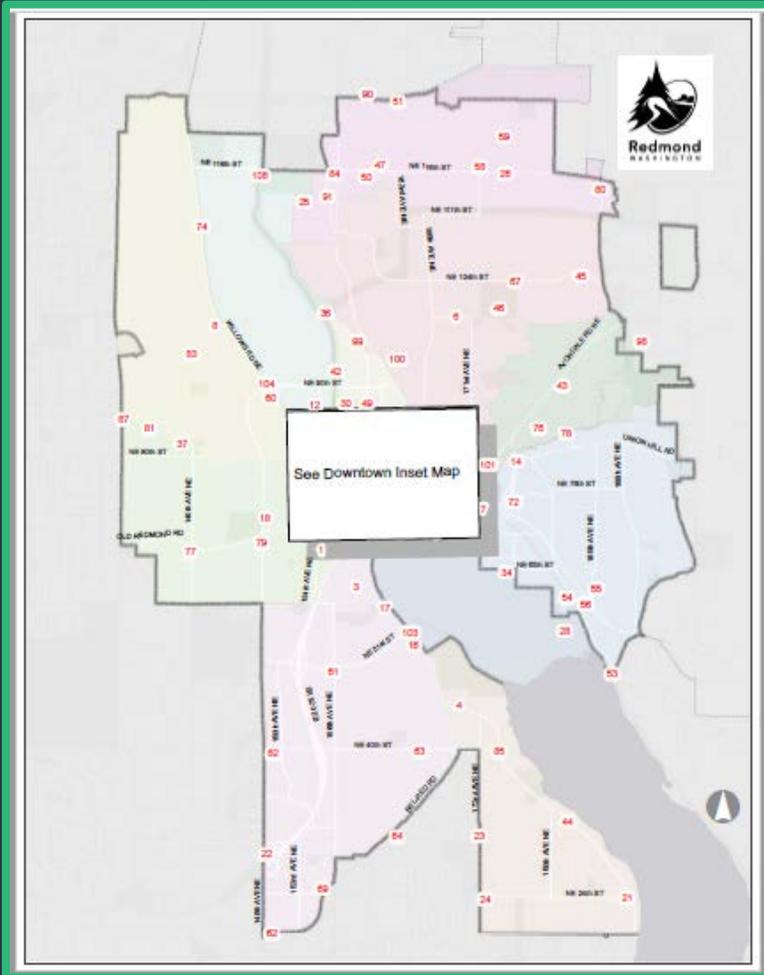
How well do these **strategies** support Redmond's vision?



Transportation Projects Map



What **ideas** do you have about where the City can improve transportation?



Project Type*	Number of Ideas
Safety	59
Trail	43
Sidewalk	42
Bicycle	39
Accessibility	26
Roadway	14
Environmental	12
Transit	9
Technology	5
Other	3
Freight	1
Maintenance	1
Parking	1

* Some ideas fit into multiple project types.

Policy Considerations



**Orient around
Light Rail**



**Improve Travel Choices
and Mobility**



**Maintain Transportation
Infrastructure**



**Enhance Freight and
Service Mobility**

For study session:

- Review input received to date
- What's missing that should be considered?

REDMOND »»» 2050

**Thank you.
Any questions?**

